

AD 669601

Ionospheric Data Report - April 1966 to March 1967

VERTICAL-INCIDENCE IONOSPHERIC DATA: THAILAND

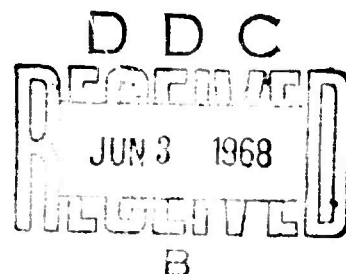
Compiled by: BERNADINE E. FRANK GEORGE H. HAGN

Prepared for:

U.S. ARMY ELECTRONICS COMMAND
FORT MONMOUTH, NEW JERSEY 07703

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December 1967

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SRI Project 4240

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ABSTRACT

Two Granger Model 911 ionospheric sounder systems were operated during 1966 and 1967 at six sites in Thailand ranging between about 7° and 19° North geographic latitude (geomagnetic field dip angles from 5° S to 20° N). This report presents the results from scaling the vertical-incidence ionograms obtained for foF2, h'F2, foF1, h'F1, foEs, h'Es, and percentage of occurrence of Es and spread F. A comparison is made between foF2 values scaled from the Bangkok C-2/3/4 sounder and the Granger sounder for two brief periods--6 April through 7 May 1966, and 1 June through 19 June 1967--when both equipments were operated at the same site.

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PREFACE

The work described in this report was performed with the support, and using the facilities, of the Military Research and Development Center (MRDC) in Bangkok, Thailand. The MRDC is a joint Thai-U.S. organization established to conduct research and development work in the tropical environment. The overall direction of the U.S. portion of the MRDC has been assigned to the Advanced Research Projects Agency (ARPA) of the U.S. Department of Defense that, in 1962, asked the U.S. Army Electronics Command (USAECOM) and the Stanford Research Institute (SRI) to establish an electronics laboratory in Thailand to facilitate the study of radio communications in the tropics and related topics. The MRDC-Electronics Laboratory (MRDC-EL) began operation in 1963 [under Contract DA 36-039 AMC-00040(E)], and since that time ARPA has actively monitored and directed the efforts of USAECOM and SRI. In Bangkok this function is carried out by the ARPA Research and Development Field Unit (RDFU-T). The cooperation of the Thai Ministry of Defense and the Thailand and CONUS representatives of the ARPA and USAECOM made possible the work presented in this report.

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I INTRODUCTION

The Stanford Research Institute (SRI) has been studying factors pertinent to radiowave propagation on short (0 to 50 km) skywave paths as part of the Advanced Research Projects Agency's SEACORE^{*} program.^{1-3†} Part of this study has involved the operation of two Granger Associates Model 911 ionospheric sounders at various sites in Thailand (see Fig. 1 and Table I). This report summarizes the vertical-incidence data obtained by these equipments during 1966 and 1967 (see Table I. for the site operating schedule--months during which some data were obtained).

Technical information on the sounder systems as they were employed for sounding at vertical incidence is presented in Table III. The units are operated in the step-frequency mode, with 100-kHz steps in the 4- to 8-MHz band, 200-kHz steps in the 8- to 16-MHz band, and 400-kHz steps in the 16- to 32-MHz band. Figure 2 shows the log-periodic antenna (LPA) used for sounding. The data were recorded every half hour on a Granger 9190 electrostatic display. A copy of an example ionogram is given in Fig. 3. The equipment also had the capability to record signal-amplitude (ampligram) data; however, such data were only recorded occasionally and are not covered in this bulletin.

The data are arranged by site and chronologically by calendar month for a given site. Monthly median values are summarized after the hourly values^{**} for each month, and plots of the most significant parameters are presented.

^{*} An acronym for Southeast Asia Communications Research

[†] References are given at the end of this report.

^{**} Only hourly values were scaled, except for the Bangkok and Chantaburi sites.

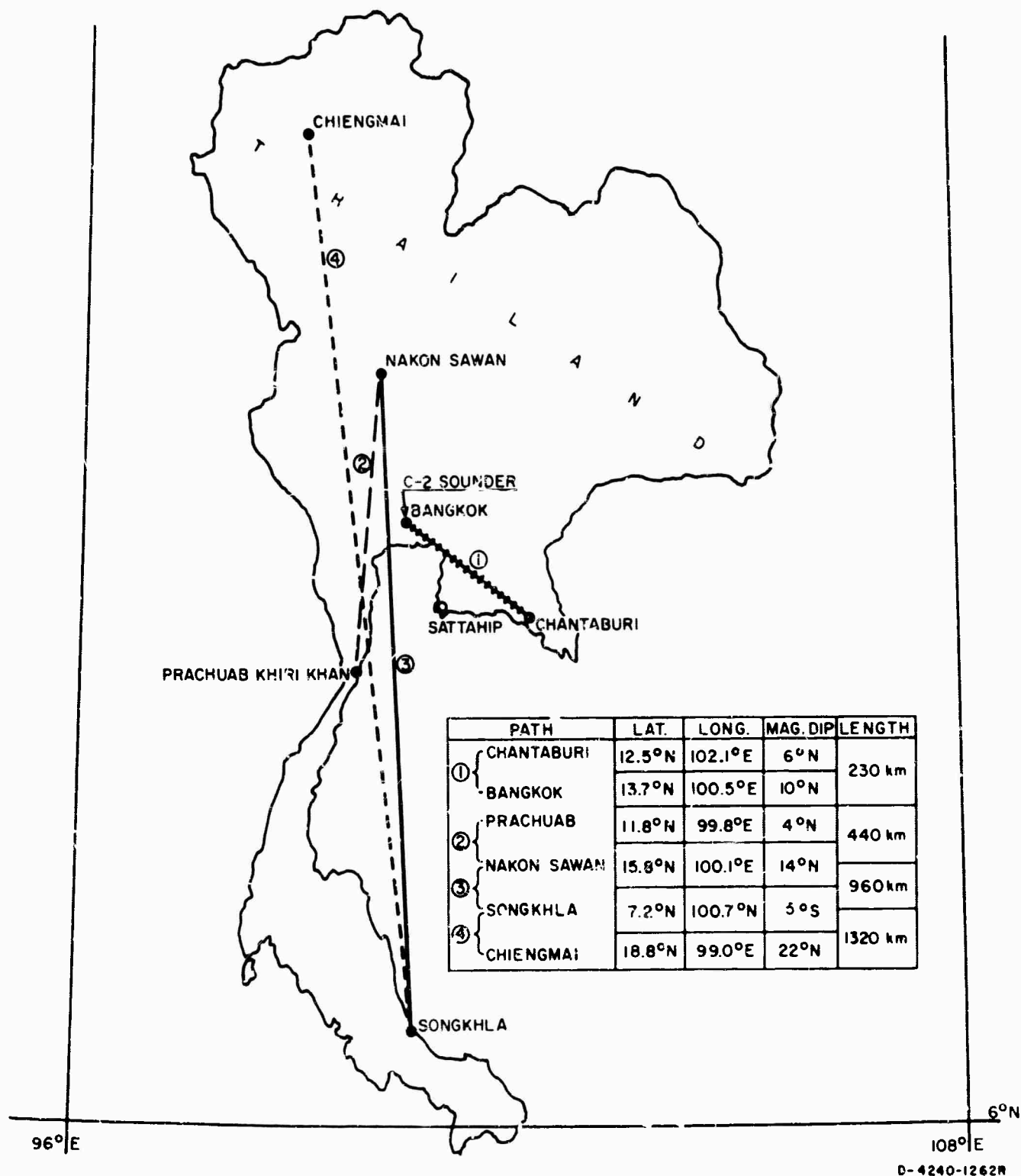


FIG.1 MAP OF SOUNDER SITES IN THAILAND

Table I

SOUNDER SITE COORDINATES

Site Name	Geographic		Geomagnetic	
	Latitude	Longitude	Inclination	Declination
Chiengmai	18° 50' N	98° 58' E	N 21° 59.9'	W 0° 33.7'
Nakon Sawan *	15° 36' N	100° 08' E	---	---
Bangkok	13° 45' N	100° 36' E	N 10° 27'	W 0° 10'
Chantaburi	12° 37' N	102° 07' E	---	---
Prachuab *	11° 45' N	99° 46' E	---	---
Songkhla	7° 06' N	100° 38' E	S 5° 01.9'	E 0° 12.9'

* The computer printouts list these sites as Nakon Sawon and Prachaub.

Table II

SOUNDER SITE OPERATING SCHEDULE

Date Site	1966 & 1967												
	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Bangkok		x	x										
Chantaburi		x	x										
Prachuab				x	x	x							
Nakon Sawan				x	x	x	x	x	x				
Songkhla							x	x	x	x	x	x	
Chiengmai									x	x	x	x	

Table III
EQUIPMENT DATA

Antenna	Peak Power (kW)	Pulse Duration (μ s)	Pulse Rep. Frequency (pps)	Pulses per Channel	Frequency Range (MHz)	Scan Duration (ms)	Virtual Height Range (km)	Receiver* Sensitivity (μ V)
LPA Curtain	30	100	50	4	4-32	8	1200	10

* A 10- μ V signal at the receiver input causes complete blanking and a 3- μ V signal begins to cause blanking. Therefore, the dynamic range of the display is about 10 dB.



FIG. 2 LOG-PERIODIC SOUNDER ANTENNA

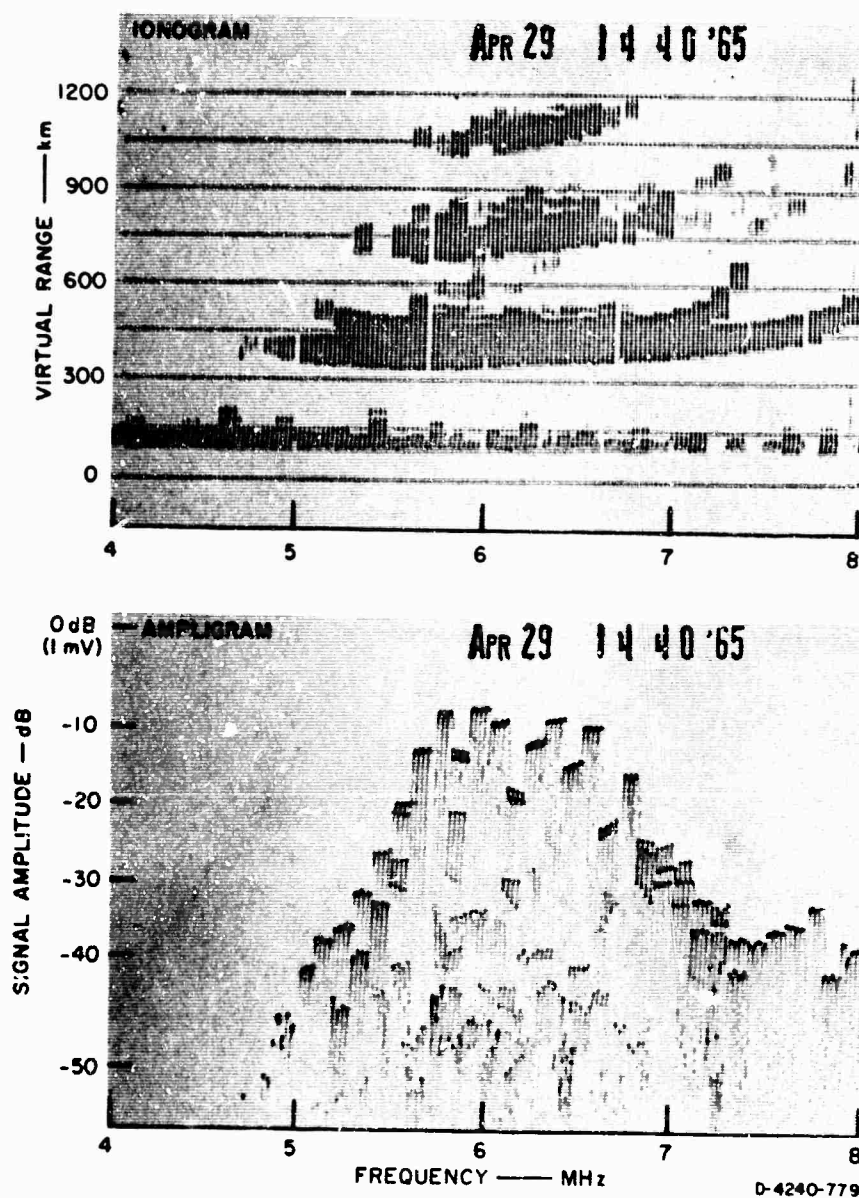


FIG. 3 EXAMPLE 9190 ELECTROSTATIC PRINTER RECORDS

II TERMINOLOGY, SYMBOLS, AND FORMAT

The terminology and symbols used in this data report are in accordance with the conventions established by the World Wide Soundings Committee (WWSC).⁹ A computer printout is used to present the tabulated and plotted data. The computer symbols were not always identical to those established by the WWSC. The computer symbol actually used is presented in parenthesis after the established symbol in the listing below.

A. Terminology

- | | | |
|---------------|---|---|
| foF2 (FOF2) | } | The ordinary wave critical frequency for the F2 and F1 layers, respectively. |
| foF1 (FOF1) | | |
| foEs (FOES) | | The ordinary wave top frequency corresponding to the highest frequency at which a mainly continuous Es trace is observed. |
| h'F2 (H FOF2) | | The minimum virtual height of the ordinary wave trace for the highest stable stratification in the F region. |
| h'F1 (H FOF1) | | The minimum virtual height of the ordinary wave trace for the F1 layer. Note that this is not necessarily identical with the more common parameter h'F, which is the virtual height parameter for the lowest F-region stratification (i.e., H FOF1 is not defined for local nighttime). |
| h'Es (H ES) | | The minimum virtual height of observed echo from sporadic E. |

B. Descriptive Letters

Certain effects observed on ionograms may make it difficult or impossible to obtain accurate numerical values. The descriptive letters listed below, when used alone indicate, in general, the

presence of a phenomenon that may have influenced the measurements.
Qualifying letters (Sec. C) indicate the nature of the uncertainty.

- A A lower thin layer present, e.g., Es
- B Absorption in the vicinity of f_{\min}
- C No trace, for any non-ionospheric reason
- C* No trace
- F Spread echoes present
- FR F-layer critical extrapolated when spread echoes present
- H Stratification present
- L No sufficiently definite cusp between layers of the trace
- M Ordinary and extraordinary components indistinguishable
- N Conditions such that the measurement cannot be interpreted
- O Measurement referring to the ordinary component
- R Attenuation in the vicinity of a critical frequency--recorded value obtained by extrapolation
- S Interference or atmospherics
- V Forked trace
- W Echo lying outside the height range recorded
- X Measurement referring to the extraordinary component
- Y Intermittent trace
- Z Third magneto-ionic component present.

C. Qualifying Letters

- D Greater than . . .
- E Less than . . .
- I An interpolated value
- J Ordinary component characteristic deduced from the extraordinary component
- O Extraordinary component characteristic deduced from the ordinary component
- T Value determined by a sequence of observations, the actual observation being inconsistent or doubtful
- U Uncertain numerical value
- Z Measurement deduced from the third magneto-ionic component.

D. Description of Standard Types of Es

The eight standard types of Es are identified by lower-case letters: f, l, c, h, q, r, a, and s. These letters suggest the corresponding names, flat, low, cusp, high, equatorial, retardation, auroral, and slant, respectively, but are not restrictive. The letter n is used to designate an Es trace that does not correspond to one of the eight types. The classifications are:

- f(F) An Es trace showing no appreciable increase of height with frequency, usually relatively solid at most latitudes.
(This classification may be used only at night; it appears that flat Es traces observed in the daytime are classified according to their virtual height: n or l.)
- l(L) A flat Es trace at or below the normal E-region minimum virtual height in the day or below the E-region minimum virtual height at night.
- c An Es trace showing a relatively symmetrical cusp at or below foE. (This is usually continuous with the normal E trace, although when the deviative absorption is large, part or all of the cusp may be missing--usually a daytime type.)
- h An Es trace showing a discontinuity in height with the normal E-region trace at or above foE and an asymmetrical cusp. (The low-frequency end of the Es trace lies clearly above the high-frequency end of the normal E trace--usually a daytime type.)
- q(Q) An Es trace that is diffuse and nonblanketing over a wide frequency range, the spread being most pronounced at the upper edge of the trace. (This type is common in daytime in the vicinity of the magnetic equator.)
- r An Es trace that is nonblanketing over part or all of its frequency range, showing an increase in virtual height at the high-frequency end similar to group retardation. (This

is distinguished from the usual group retardation--as in the case of an occulting thick E region--by the lack of group retardation in the F traces at corresponding frequencies and the lack of complete blanketing.)

- a An Es pattern having a well-defined flat or gradually rising lower edge with stratified and diffuse (spread) traces present above it. (These sometimes extend over several hundred kilometers of virtual height.)
- s A diffuse Es trace that rises steadily with frequency, usually emerging from another type of Es trace. (The rising trace alone is classified as s; the horizontal trace is classified separately. At high latitudes, the slant trace usually starts to rise from a horizontal Es trace, such as l or f, at frequencies that greatly exceed the E-region critical frequency, e.g., about 6 MHz; whereas at low latitudes it usually rises from equatorial-type Es, q, c, or h, at frequencies near the regular E critical frequency. Type s is never used to determine foE unless echoes clearly identifiable as Es echoes are seen.)
- n An E trace that cannot be classified as one of the standard types. (This must not be used for intermediate cases between any two classes. A choice should always be made whenever possible, even if it is doubtful.)

Only types f, l, and q were distinguished during the scaling.

E. Format

Hourly values* of each parameter scaled (FOF2, H FOF2, FOF1, H FOF1, FOES, and H ES) are presented for each site by the calendar month. At the bottom of each data table the median (MEDIAN) value, standard deviation (S.D. MED)--square root of second moment--about the median value, lower and upper quartiles (L QUART and U QUART) and quartile range (RANGE) are presented. On the bottom of the pages

* Half-hourly values are presented for Bangkok and Chantaburi.

containing data on foF2, the number of blank frames (BLANK) when it was highly probable that foF2 was less than 4 MHz are given, along with the observed percentage of Es (ES) and spread F (SPRD F). These percentages are given times ten to the minus two (e.g. 100% = 1.00). The BLANK category was employed only between the hours of 0000 and 0800 local time when the foF2 dropped below the 4-MHz lower limit of the sounders part of the time. Thus, it was possible to calculate medians and quartiles for times closer to the pre-dawn minimum of foF2 more reliably using the information that a few of the values were below 4 MHz for ionospheric reasons. Plots of the monthly median values of the most significant parameters (foF2, foF1, foEs, h'F2, h'F1, h'Es) and the percentage of occurrence of Es and spread F are presented at the end of the tabulated data for each month. For months when data were obtained on only a few days, the plots have been deleted since the data do not produce reliable estimators of the actual monthly medians. These plots have a local time scale from 0 to 25 hours local time; the plot program made it difficult to end at 24 hours, but the data begin at 0 hours at the left margin and end at 23 hours on the right.

III ACCURACY OF DATA

The accuracy of the data is difficult to estimate but the following comments and observations are germane:

- (1) The raw data did not always exhibit well-defined cusps at layer critical frequencies. Consequently the highest frequency observed was extrapolated by following the curvature of the trace, and some uncertainty arises from this source.
- (2) The data are somewhat less accurate near the 4-MHz lower-frequency limit of the sounder, as it was not always possible to deduce the cause of a blank frame when one occurred.
- (3) Scaling accuracy was about ± 10 km for virtual range and about ± 0.2 MHz for layer critical frequencies in the 4- to 8-MHz band, ± 0.4 MHz in the 8- to 16-MHz band, etc.* The differences obtained when various data-reduction personnel scaled some of the same data tend to substantiate these estimates.
- (4) There were two periods when a Granger sounder was operated at Bangkok, the permanent location of the MRDC-EL C-2 vertical-incidence sounder. The foF2 data obtained by the two different sounder systems, and processed by the two different data reduction systems, are presented in the mass plots of Fig. 4. Identical readings by both systems would fall on a line inclined at 45° . In general, the agreement is

*The sounder operates in the step-frequency mode rather than the swept-frequency mode; therefore, strictly speaking only certain frequencies are possible. A smoothing did occur during data scaling, and the tabulated values do not necessarily correspond to the actual sounder frequencies; however, they are close to the sounder frequencies.

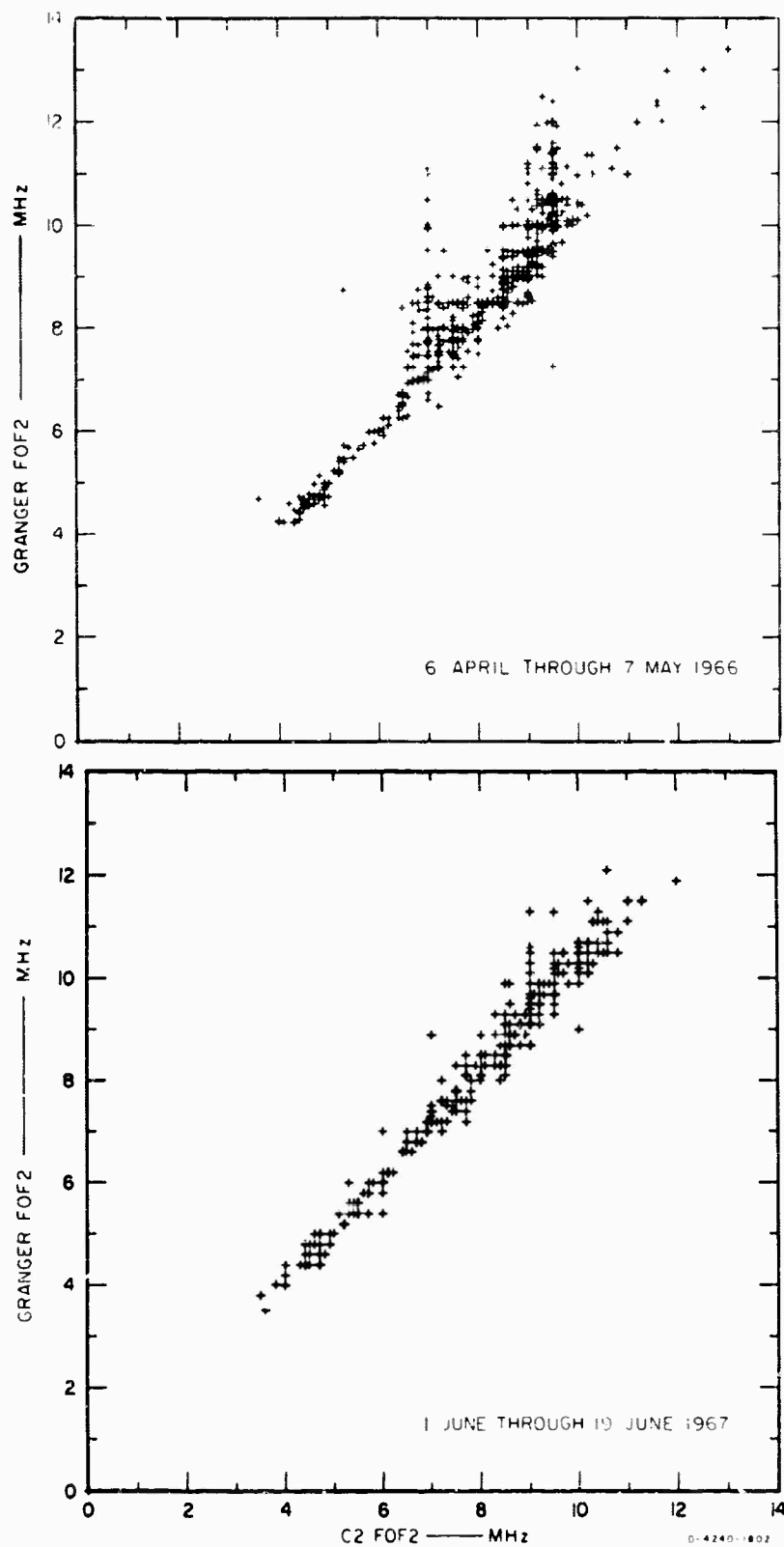


FIG 4 C-2 vs. GRANGER f_oF_2 READINGS AT BANGKOK, THAILAND

quite good, although the Granger system tended to yield somewhat higher values of f_oF_2 than the C-2 system. Perhaps this is due to the Granger's higher peak-pulse power (nominally 30 kW vs 10 kW for the C-2) and longer pulse duration (nominally 100 μ s vs 50 μ s for the C-2). There are some significant departures from the 45° line in the vicinity of 7 and 9 MHz on the C-2 scale for the 1966 sample. The cause of these observed differences has not been determined.

IV IONOSPHERIC DATA

This section contains the hourly ionospheric data by calendar month in chronological order by site, as indicated in the Contents. Where appropriate, summary graphs of important ionospheric parameters are given following the data for a given site and month.

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IV IONOSPHERIC DATA

A. Bangkok

Pages 20 through 40 present ionospheric data for the month of April 1966.

Pages 41 through 58 present ionospheric data for the month of May 1966.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL 1966

SITE- BANGKOK		LOCAL STANDARD TIME																	
DAY	HR	5	35	135	155	205	235	305	335	405	435	505	535	605	635	705	735		
1		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
2		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
3		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
4		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
5		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
6		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
7		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
8		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
9		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
10		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
11		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
12		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
13		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
14		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
15		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
16		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
17		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
18		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
19		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
20		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
21		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
22		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
23		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
24		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
25		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
26		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
27		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
28		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
29		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
30		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
MEDIAN		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
50% MED		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
10% QUANT		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
1% QUANT		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
RAISE		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
BLANK		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
ES		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		
SPRD F		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U		

CHARACTERISTIC, F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SIZE, BRACKET
LOCAL STANDARD TIME

DAY /HR	0:5	0:55	9:5	9:55	10:5	10:55	11:5	12:5	13:5	14:5	14:55	15:5	15:55
1	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C	C	C	C	C	C
32	C	C	C	C	C	C	C	C	C	C	C	C	C
33	C	C	C	C	C	C	C	C	C	C	C	C	C
34	C	C	C	C	C	C	C	C	C	C	C	C	C
35	C	C	C	C	C	C	C	C	C	C	C	C	C
36	C	C	C	C	C	C	C	C	C	C	C	C	C
37	C	C	C	C	C	C	C	C	C	C	C	C	C
38	C	C	C	C	C	C	C	C	C	C	C	C	C
39	C	C	C	C	C	C	C	C	C	C	C	C	C
40	C	C	C	C	C	C	C	C	C	C	C	C	C
41	C	C	C	C	C	C	C	C	C	C	C	C	C
42	C	C	C	C	C	C	C	C	C	C	C	C	C
43	C	C	C	C	C	C	C	C	C	C	C	C	C
44	C	C	C	C	C	C	C	C	C	C	C	C	C
45	C	C	C	C	C	C	C	C	C	C	C	C	C
46	C	C	C	C	C	C	C	C	C	C	C	C	C
47	C	C	C	C	C	C	C	C	C	C	C	C	C
48	C	C	C	C	C	C	C	C	C	C	C	C	C
49	C	C	C	C	C	C	C	C	C	C	C	C	C
50	C	C	C	C	C	C	C	C	C	C	C	C	C
51	C	C	C	C	C	C	C	C	C	C	C	C	C
52	C	C	C	C	C	C	C	C	C	C	C	C	C
53	C	C	C	C	C	C	C	C	C	C	C	C	C
54	C	C	C	C	C	C	C	C	C	C	C	C	C
55	C	C	C	C	C	C	C	C	C	C	C	C	C
56	C	C	C	C	C	C	C	C	C	C	C	C	C
57	C	C	C	C	C	C	C	C	C	C	C	C	C
58	C	C	C	C	C	C	C	C	C	C	C	C	C
59	C	C	C	C	C	C	C	C	C	C	C	C	C
60	C	C	C	C	C	C	C	C	C	C	C	C	C
61	C	C	C	C	C	C	C	C	C	C	C	C	C
62	C	C	C	C	C	C	C	C	C	C	C	C	C
63	C	C	C	C	C	C	C	C	C	C	C	C	C
64	C	C	C	C	C	C	C	C	C	C	C	C	C
65	C	C	C	C	C	C	C	C	C	C	C	C	C
66	C	C	C	C	C	C	C	C	C	C	C	C	C
67	C	C	C	C	C	C	C	C	C	C	C	C	C
68	C	C	C	C	C	C	C	C	C	C	C	C	C
69	C	C	C	C	C	C	C	C	C	C	C	C	C
70	C	C	C	C	C	C	C	C	C	C	C	C	C
71	C	C	C	C	C	C	C	C	C	C	C	C	C
72	C	C	C	C	C	C	C	C	C	C	C	C	C
73	C	C	C	C	C	C	C	C	C	C	C	C	C
74	C	C	C	C	C	C	C	C	C	C	C	C	C
75	C	C	C	C	C	C	C	C	C	C	C	C	C
76	C	C	C	C	C	C	C	C	C	C	C	C	C
77	C	C	C	C	C	C	C	C	C	C	C	C	C
78	C	C	C	C	C	C	C	C	C	C	C	C	C
79	C	C	C	C	C	C	C	C	C	C	C	C	C
80	C	C	C	C	C	C	C	C	C	C	C	C	C
81	C	C	C	C	C	C	C	C	C	C	C	C	C
82	C	C	C	C	C	C	C	C	C	C	C	C	C
83	C	C	C	C	C	C	C	C	C	C	C	C	C
84	C	C	C	C	C	C	C	C	C	C	C	C	C
85	C	C	C	C	C	C	C	C	C	C	C	C	C
86	C	C	C	C	C	C	C	C	C	C	C	C	C
87	C	C	C	C	C	C	C	C	C	C	C	C	C
88	C	C	C	C	C	C	C	C	C	C	C	C	C
89	C	C	C	C	C	C	C	C	C	C	C	C	C
90	C	C	C	C	C	C	C	C	C	C	C	C	C
91	C	C	C	C	C	C	C	C	C	C	C	C	C
92	C	C	C	C	C	C	C	C	C	C	C	C	C
93	C	C	C	C	C	C	C	C	C	C	C	C	C
94	C	C	C	C	C	C	C	C	C	C	C	C	C
95	C	C	C	C	C	C	C	C	C	C	C	C	C
96	C	C	C	C	C	C	C	C	C	C	C	C	C
97	C	C	C	C	C	C	C	C	C	C	C	C	C
98	C	C	C	C	C	C	C	C	C	C	C	C	C
99	C	C	C	C	C	C	C	C	C	C	C	C	C
100	C	C	C	C	C	C	C	C	C	C	C	C	C

CHARACTERISTIC, F2F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
4	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
5	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
6	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
7	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
8	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
9	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
10	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
11	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
12	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
13	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
14	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
15	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
16	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
17	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
18	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
19	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
20	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
21	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
22	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
23	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
24	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
25	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
26	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
27	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
28	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
29	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
30	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
31	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
MEAN	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
STANDARD	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
QUANT	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
RAISE	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
ES	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
500 F	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00

ATMOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. BACKWARD TIME
LOCAL STANDARD TIME

LEONARD
GEM'S
DIVISION

CHARACTERISTIC. M FCF2

ATMOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY	TIME	035	045	055	065	075	085	095	105	115	125	135	145	155	165
1		C	C	C	C	C	C	C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C	C	C	C	C	C	C
4		C	C	C	C	C	C	C	C	C	C	C	C	C	C
5		C	C	C	C	C	C	C	C	C	C	C	C	C	C
6		C	C	C	C	C	C	C	C	C	C	C	C	C	C
7		C	C	C	C	C	C	C	C	C	C	C	C	C	C
8		C	C	C	C	C	C	C	C	C	C	C	C	C	C
9		C	C	C	C	C	C	C	C	C	C	C	C	C	C
10		C	C	C	C	C	C	C	C	C	C	C	C	C	C
11		C	C	C	C	C	C	C	C	C	C	C	C	C	C
12		C	C	C	C	C	C	C	C	C	C	C	C	C	C
13		C	C	C	C	C	C	C	C	C	C	C	C	C	C
14		C	C	C	C	C	C	C	C	C	C	C	C	C	C
15		C	C	C	C	C	C	C	C	C	C	C	C	C	C
16		C	C	C	C	C	C	C	C	C	C	C	C	C	C
17		C	C	C	C	C	C	C	C	C	C	C	C	C	C
18		C	C	C	C	C	C	C	C	C	C	C	C	C	C
19		C	C	C	C	C	C	C	C	C	C	C	C	C	C
20		C	C	C	C	C	C	C	C	C	C	C	C	C	C
21		C	C	C	C	C	C	C	C	C	C	C	C	C	C
22		C	C	C	C	C	C	C	C	C	C	C	C	C	C
23		C	C	C	C	C	C	C	C	C	C	C	C	C	C
24		C	C	C	C	C	C	C	C	C	C	C	C	C	C
25		C	C	C	C	C	C	C	C	C	C	C	C	C	C
26		C	C	C	C	C	C	C	C	C	C	C	C	C	C
27		C	C	C	C	C	C	C	C	C	C	C	C	C	C
28		C	C	C	C	C	C	C	C	C	C	C	C	C	C
29		C	C	C	C	C	C	C	C	C	C	C	C	C	C
30		C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN		305	310	310	310	310	310	310	310	310	310	310	310	310	310
S.D. MED		12.89	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
L. QUART		300	305	305	305	305	305	305	305	305	305	305	305	305	305
U. QUART		310	315	315	315	315	315	315	315	315	315	315	315	315	315
RANGE		10	36	36	36	36	36	36	36	36	36	36	36	36	36

CHARACTERISTIC. W FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. BANGKOK		LOCAL STANDARD TIME															
DAY	HR	1605	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4		504	502	501	500	500	500	500	500	500	500	500	500	500	500	500	500
5		502	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
6		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
7		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
8		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
9		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
10		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
11		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
12		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
13		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
14		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
15		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
16		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
17		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
18		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
19		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
20		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
21		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
22		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
23		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
24		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
25		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
26		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
27		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
28		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
29		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
30		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
MEDIAN		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Q. MED		49.10	49.10	49.10	49.10	49.10	49.10	49.10	49.10	49.10	49.10	49.10	49.10	49.10	49.10	49.10	49.10
Q. QUART		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
U. QUART		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
RANGE		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500

DAY /HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
13	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
14	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
17	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63</																																					

CHARACTERISTIC. F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /HR	805	835	905	935	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535
1	4.75	4.74	4.74	4.74	4.75	4.77	4.82	4.74	4.73	4.75	4.75	4.75	4.75	4.76	4.76	4.76
2	4.76	4.75	4.75	4.75	4.75	4.74	4.77	4.74	4.73	4.75	4.75	4.75	4.75	4.75	4.75	4.75
3	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
4	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
5	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
6	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
7	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
8	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
9	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
10	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
11	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
12	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
13	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
14	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
15	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
16	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
17	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
18	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
19	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
20	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
21	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
22	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
23	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
24	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
25	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
26	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
27	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
28	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
29	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
30	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
MEDIAN	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
S.D. MED	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
L QUART	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
U QUART	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
RANGE	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75

CHARACTERISTIC. FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	1615	1655	1735	1805	1835	1905	1955	2005	2035	2105	2155	2205	2255	2305	2355
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
5	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
6	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
7	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
8	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
9	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
10	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
11	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
12	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
13	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
14	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
15	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
16	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
17	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
18	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
19	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
20	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
21	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
22	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
23	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
24	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
25	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
26	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
27	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
28	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
29	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
30	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
MEDIAN	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
S.D. MED	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
1. QUART	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75
3. QUART	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76	4.75	4.76
PAUSE	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01

CHARACTERISTIC. M F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY	HR	035	055	075	095	1055	1055	1105	1135	1205	1255	1305	1335	1405	1455	1515	1555
1		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S.D. MED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. QUART		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L. QUART		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC, M FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE, BANGKOK
LOCAL STANDARD TIME

DAY /HR	1605	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
31	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
MEAN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
U QUANT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
U QUANT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CHARACTERISTICS: FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE: HAUSACK
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
31	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
MEDIAN	...	5.37	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S.D. MED	...	1.15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
L. QUART	...	5.41	...	...	...	...	...	...	...	...	...	...	...	...	...	...
H. QUART	...	5.41	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEAN	...	5.41	...	...	...	...	...	...	...	...	...	...	...	...	...	...

IONOSPHERIC DATA VERTICAL INCIDENCE

APR 11 1966

**SITE, BANGKOK
LOCAL STANDARD TIME**

33

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. BAUSACK
LOCAL STANDARD TIME

DAY /HR	1605	1655	1735	1805	1835	1905	1935	2005	2035	2105	2155	2205	2235	2315	2355
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	5.80L	6.73L	6.23L	6.76F	5.50F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F
5	7.00L	5.65L	5.75L	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F	5.45F
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	6.67L	4.73L	5.40L	5.73L	5.82F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F	5.73F
11	-	-	-	5.56L	4.35F	5.91F	5.42F	5.42F	5.42F	5.42F	5.42F	5.42F	5.42F	5.42F	5.42F
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	9.40L	-	5.80L	5.40L	-	7.00F	6.00F	6.00F	6.00F	6.00F	6.00F	6.00F	6.00F	6.00F	6.00F
16	-	-	5.25L	6.26L	-	-	-	-	-	-	-	-	-	-	-
17	4.30L	C	C	-	-	-	-	-	-	-	-	-	-	-	-
18	5.51L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	5.73L	4.80L	4.73L	4.30L	4.90F	5.20F	6.05F	6.05F	6.05F	6.05F	6.05F	6.05F	6.05F	6.05F	6.05F
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	6.25L	6.50L	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	4.90L	5.30L	4.90L	4.50L	5.75F	7.30F	6.00F	6.60F	5.75F	5.75F	5.75F	5.75F	5.75F	5.75F	5.75F
29	-	-	-	-	5.80F	9.00F	8.20F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F	5.30F
30	8.10L	7.20L	6.25L	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEDIAN	5.91	5.65	5.73	5.52	5.62	5.91	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
S.D. MED	1.57	1.92	1.59	1.72	1.77	1.39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
L QUART	5.35	4.80	5.11	4.51	4.90	5.30	5.71	5.71	5.71	5.71	5.71	5.71	5.71	5.71	5.71
U QUART	7.55	6.75	6.25	5.75	5.82	7.30	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51
RANGE	2.19	1.95	1.18	1.25	1.92	2.00	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80

IONOSPHERIC DATA
VERTICAL INCIDENCE

SITE, DANGER
LOCAL STANDARD TIME35

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE, BANGKOK		LOCAL STANDARD TIME																			
DAY /HR	005	055	905	955	1005	1035	1105	1155	1205	1235	1305	1405	1435	1505	1535	1555	1605	1635	1655	1705	1735
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN	105	109	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
S.D. MED	7.30	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55
L. QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
U. QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
RANGE	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105

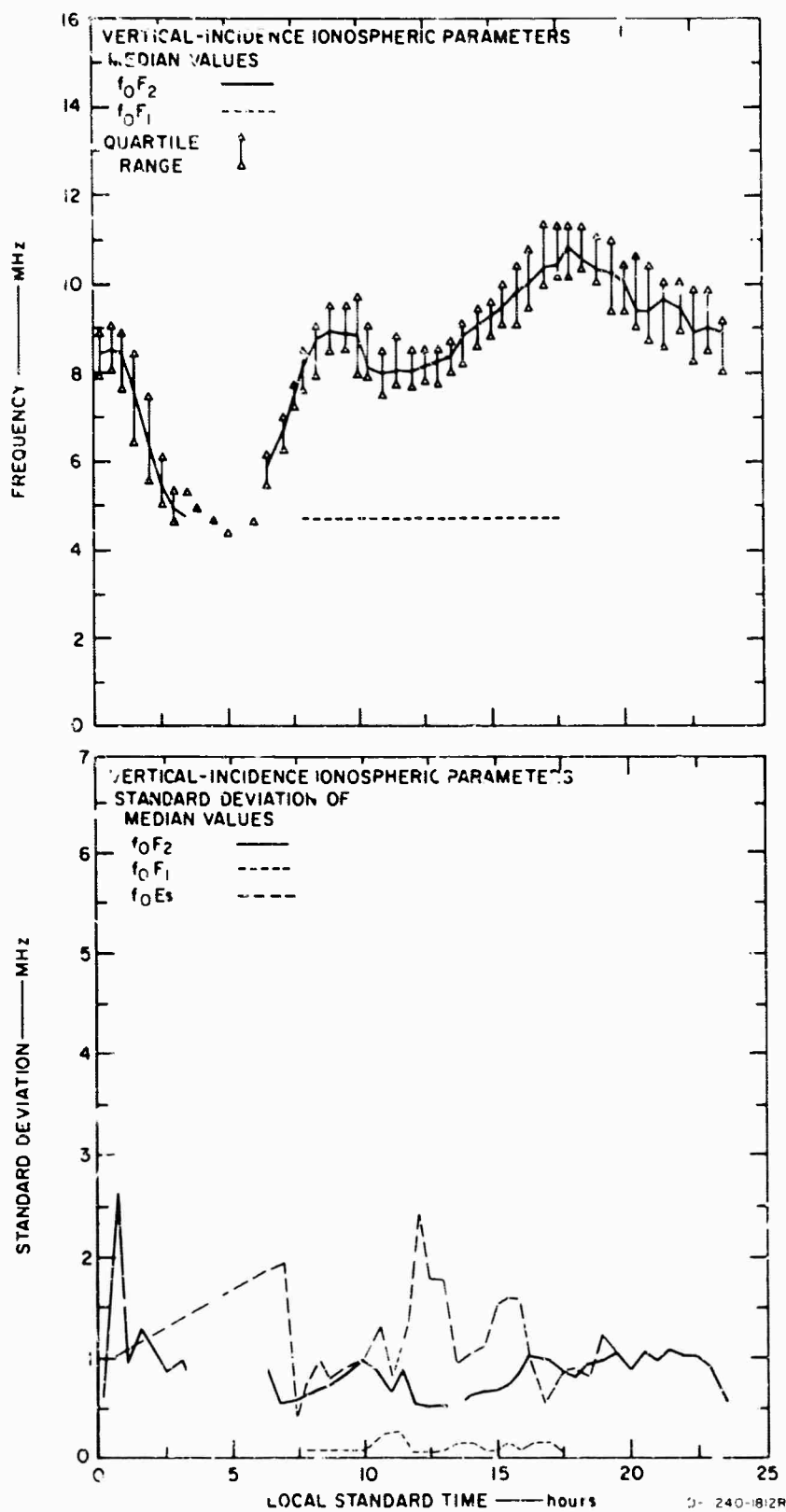
CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. BANGOR
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	100	104	103	103	101	101	100	100	100	100	100	100	100	100	100	100
5	110	104	103	103	101	101	100	100	100	100	100	100	100	100	100	100
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	112	112	110	109	108	108	108	108	108	108	108	108	108	108	108	108
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
16	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
17	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
18	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
19	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
20	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
21	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
22	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
23	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
24	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
25	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
26	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
27	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
28	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
29	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
30	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
MEDIAN	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
S.D. MED	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29
U. QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
U. QUART	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
RANGE	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105



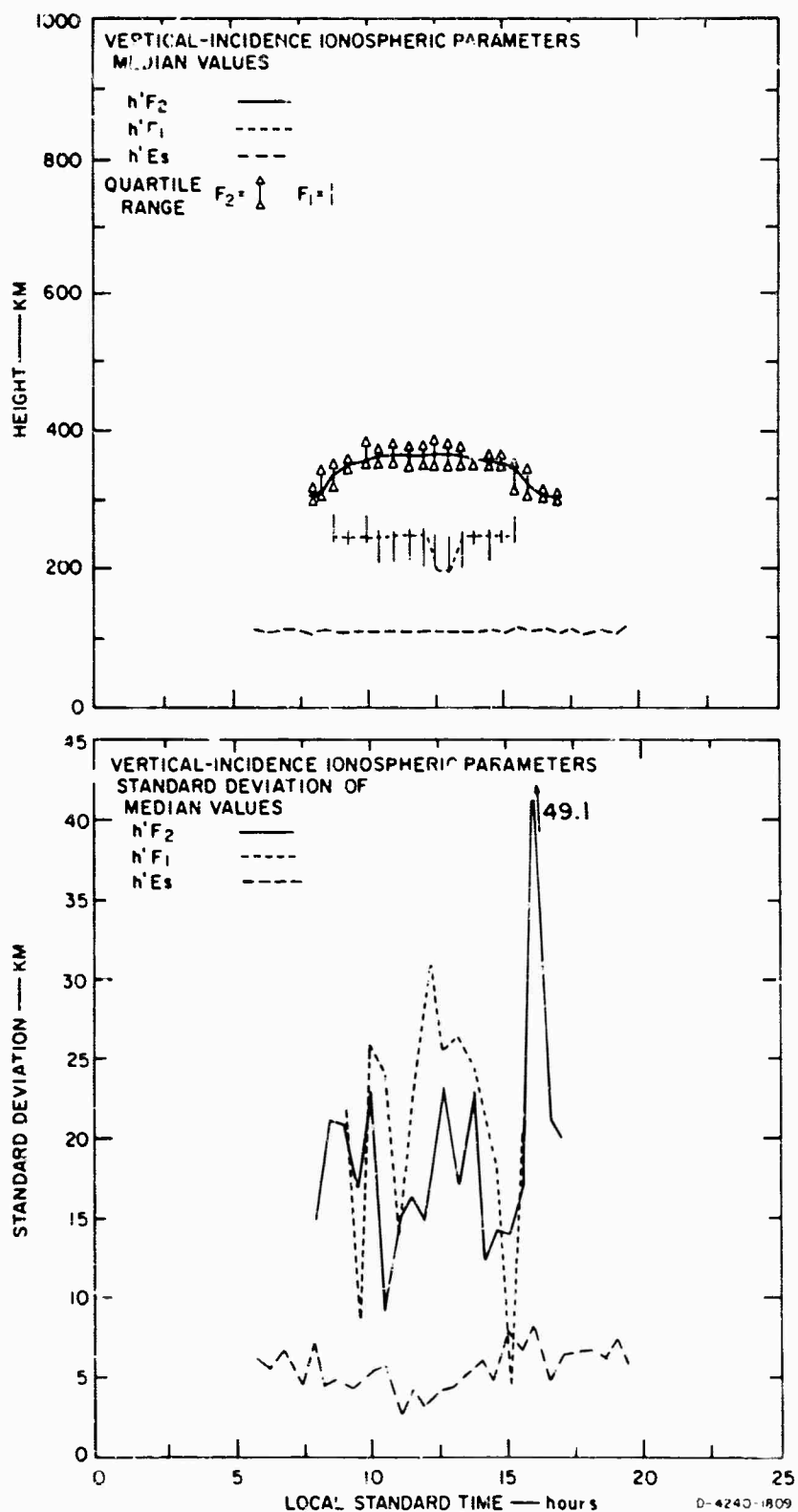
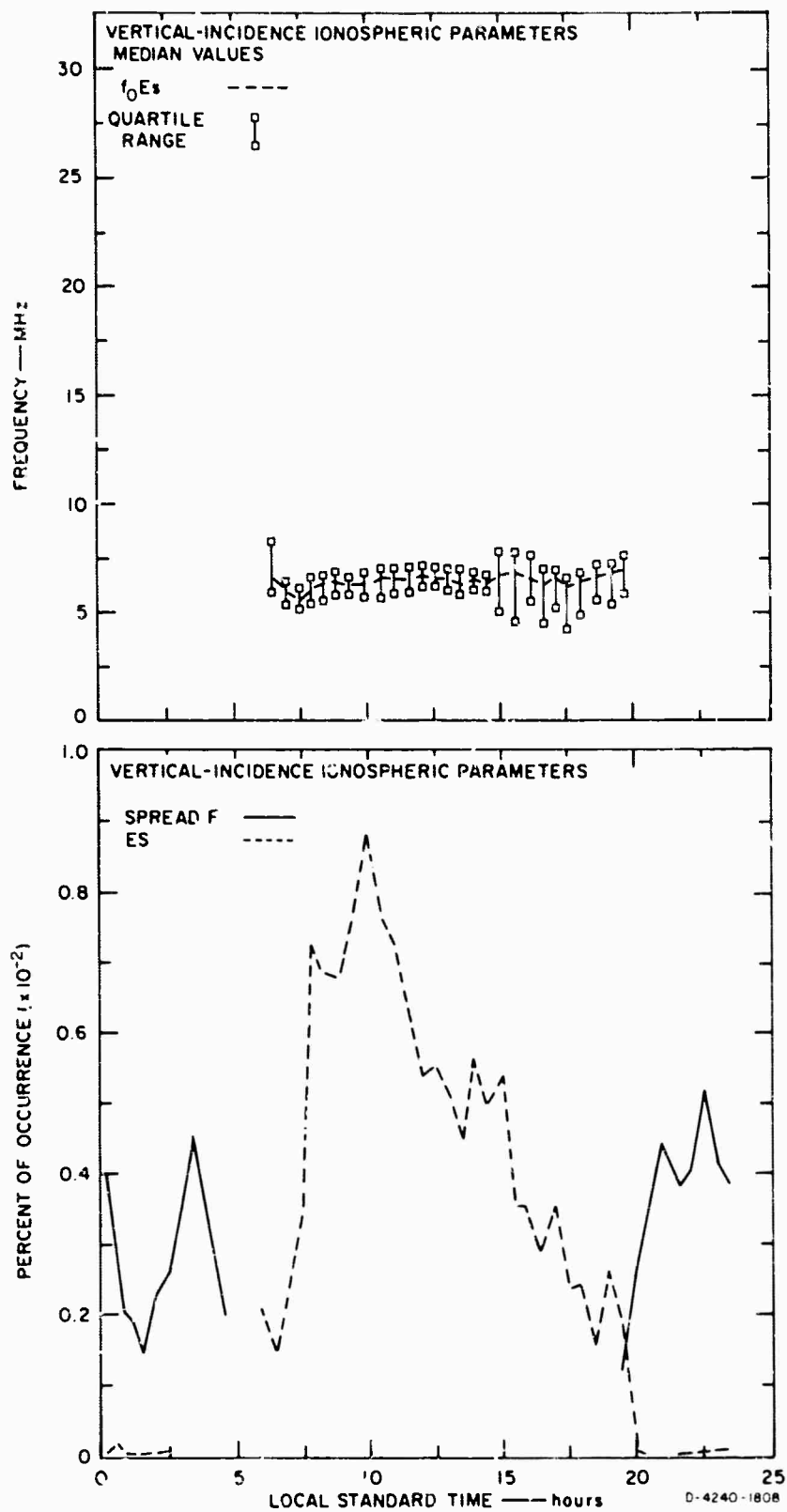


FIG. 6 VIRTUAL HEIGHT SUMMARY, BANGKOK, APRIL, 1966



CHARACTERISTIC. FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1956

STATION: BANGKOK
LOCAL STANDARD TIME

DAY	HR	5	35	105	135	205	235	305	335	405	435	505	535	5	655	725	735
1	0.55	9.55R	9.44	8.10	7.47R	6.58R	5.91	5.75	5.75	5.75	5.71	5.26	4.79	5.23	6.23	7.3	8.59
2	1.25R	7.23	7.46R	7.47R	6.58R	5.91	5.75	5.75	5.75	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
3	1.25R	8.15	8.22	8.25	8.25	6.58R	5.91	5.75	5.75	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
4	1.25	6.15	6.25	6.25	6.25	5.91	5.75	5.75	5.75	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
5	1.25	5.15	5.25	5.25	5.25	5.91	5.75	5.75	5.75	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
6	10.45R	10.45R	8.15	8.25	8.25	5.91	5.75	5.75	5.75	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
7	10.45R	8.15	8.25	8.25	8.25	5.91	5.75	5.75	5.75	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59
8	10.45R	8.15	8.25	8.25	8.25	5.91	5.75	5.75	5.75	5.71	5.71	5.26	4.79	5.23	6.23	7.3	8.59

CHARACTERISTIC. FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BRUSACK
LOCAL STANDARD TIME

DAY /HR	085	095	105	115	125	135	145	155	165
1	9.18	9.42	9.04	9.24	9.10	9.10	9.04	9.02	11.34
2	9.52R	8.18R	8.82	8.82	8.82	10.20	9.56	11.32	12.13R
3	9.14R	9.10R	9.80	10.24R	10.00	10.00	10.20	11.32	10.35
4	9.56R	9.50R	10.56R	10.56	10.56	10.56	10.56	11.32	10.22
5	9.56	10.18	10.56	10.56	10.56	10.56	10.56	11.32	10.08
6	9.52R	10.00R	9.00R	9.00	9.00	9.00	9.00	10.10	10.15
7	8.50	9.00	9.00	9.00	9.00	9.00	9.00	10.10	10.40
8	C	C	C	C	C	C	C	C	C

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BAUGKOK
LOCAL STANDARD TIME

DAY /HR	1635	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2355
1	11.51	12.52R	12.28	13.36	13.04	12.53R	12.22R	11.53R	11.00	10.44	10.00	9.50	9.45	9.40	8.50	7.75
2	12.98R	13.40	13.40	12.53R	12.48R	12.46R	11.98R	10.94R	10.50	10.10	10.02	9.98	9.50	9.50	9.45R	8.50
3	13.40	13.02	11.00R	11.02R	11.56R	11.52R	11.58R	10.95	10.42	10.04R	10.00R	9.60	9.40	9.40	8.50	7.75
4	10.48	10.46	10.48	10.46	11.00R	11.00	10.40	10.00	9.50	9.40	9.40	9.40	9.40	9.40	8.50	7.75
5	10.40	10.30R	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	9.40	8.50
6	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	9.40	8.50
7	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40	9.40	8.50

CHARACTERISTIC. M FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /HR	5	55	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	-	-	-	-	F	F	F	F	F	C	F	F	F	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	C°	S	C	C	S	-	C°	C°	C°	C	C	C	-	-	-	-
6	-	-	-	-	-	-	-	C	C	C	C	C	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	C°	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

CHARACTERISTIC. W FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	035	055	075	095	105	1055	1105	1155	1205	1235	1305	1335	1405	1435	1505	1535
1	-	324	-	347	334	-	352	356	364	361	354	355	348	336	327	321
2	-	-	-	348	-	350	357	353	359	351	357	355	353	356	352	340
3	-	-	-	-	-	350	-	350	359	-	358	350	357	352	346	339
4	-	-	-	321	350	364	361	-	-	-	381	-	348	321	310	303
5	-	302	-	306	346	350	353	350	352	354	355	352	348	338	-	325
6	-	-	-	322	355	358	378	388	342	352	353	356	-	338	-	325
7	320	311	-	338	345	351	356	362	350	-	352	357	357	345	340	333
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. H FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK		LOCAL STANDARD TIME													
DAY /HR	LOCAL STANDARD TIME	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305
1	3:4	335	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3:4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3:0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	3:0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	3:0	320	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	3:1	3:1	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /MP	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	-	-	-	-	F	F	F	F	F	C	F	F	F	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	C	S	C	C	S	-	C	C	C	C	C	C	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

CHARACTERISTIC. FCF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1965

SITE. BANGKOK																	
LOCAL STANDARD TIME																	
DAY /HR	035	055	085	095	105	1055	1105	1155	1205	1235	1305	1335	1405	1435	1505	1535	
1	-	-	4.76	4.75	-	4.76	4.76	4.76	4.76	4.75	4.77	4.77	4.75	4.75	4.75	4.75	
2	-	-	-	4.75	4.76	4.82	4.76	4.78	4.76	4.75	4.76	4.75	4.75	4.75	4.74	4.75	
3	-	-	-	-	-	4.76	4.76	4.76	4.77	-	4.80	4.75	4.75	4.75	4.76	4.75	
4	-	-	-	4.75	4.75	4.76	-	-	-	-	4.76	-	5	4.75	4.75	4.75	
5	-	-	4.76	4.75	4.75	4.75	4.75	4.78	5	4.75	4.75	4.75	4.75	4.75	4.75	4.75	
6	-	-	-	4.75	4.74	4.75	4.75	4.75	4.76	4.75	4.76	4.75	-	4.75	4.75	4.75	
7	4.75	4.74	4.74	4.75	4.75	4.75	4.74	4.75	4.76	-	4.80	4.75	4.75	4.75	4.77	4.75	
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

CHARACTERISTIC. FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, BANCKOK		LOCAL STANDARD TIME														
DAY /HR	1625	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	4.76	4.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	4.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	4.75	-	-	-	-	-	C*	-	-	-	-	-	-	-	-	-
5	4.75	4.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	C*	C*	-	C*	C	C	C	C	C	C	C	C	C	C	C	C
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. M FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	-	-	-	-	F	F	F	F	F	C	F	F	F	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	C	S	C	C	S	-	C	C	C	C	C	C	-	-	-	-
6	-	-	-	-	-	-	C	C	C	C	C	C	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

IONOSPHERIC DATA
VERTICAL INCIDENCE

STF. BACK TIME
LOCAL STATION 7:20
CITY 7:15
STATE 7:15

51

CHARACTERISTIC. M FCF:

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	16:55	16:55	17:05	17:35	18:05	18:35	19:05	19:35	20:05	20:35	21:05	21:35	22:05	22:35	23:05	23:35
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	5.51F	-	-	-	F	F	F	F	F	C	F	F	F	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	C.	S	C	C	S	-	-	C.	C.	C.	C.	C.	-	-	-	-
6	-	-	-	-	6.51F	5.55F	C.	C.	C.	C.	C.	C.	-	-	-	-
7	-	-	-	7.00F	C	C	C	C	C	C	C	C	-	-	-	-
8	C.	C	C	C	C	C	C	-	C	C	C	C	C	C	C	C

CHARACTERISTIC. FEES

ATMOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK		LOCAL STANDARD TIME													
DAY /HR	015	035	055	075	095	115	135	155	175	195	215	235	015	035	055
1	-	6.74L	-	6.10L	5.75L	5.25L	4.90L	4.50L	4.10L	3.70L	3.30L	2.90L	2.50L	2.10L	1.70L
2	6.74L	-	-	-	6.25L	5.75L	5.30L	4.90L	4.50L	4.10L	3.70L	3.30L	2.90L	2.50L	2.10L
3	-	-	-	-	-	6.25L	5.75L	5.30L	4.90L	4.50L	4.10L	3.70L	3.30L	2.90L	2.50L
4	-	-	-	-	-	-	6.25L	5.75L	5.30L	4.90L	4.50L	4.10L	3.70L	3.30L	2.90L
5	-	-	-	-	-	-	-	6.25L	5.75L	5.30L	4.90L	4.50L	4.10L	3.70L	3.30L
6	11.00L	6.00L	6.00L	6.00L	6.25L	5.25L	4.90L	4.50L	4.10L	3.70L	3.30L	2.90L	2.50L	2.10L	1.70L
7	6.75L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L	6.25L
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	1635	1655	1715	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	6.51L	7.33L	6.75L	6.83L	6.80F	5.78F	7.62F	8.50F	8.45F	6.52F	6.48F	-	-	-	-	-
2	-	-	7.03L	6.80L	6.99F	5.98F	5.77F	-	-	5.98F	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	7.00L	6.85L	6.75L	5.82L	6.00F	6.25F	C*	C	C	C	C	C	C	C	C	C
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	6.63L	-	-	-	-	-	-	5.51F	-	-	-	-	-	-	-	5.24F
7	7.41L	6.80L	6.00L	C*	C	C	C	C	C	C	C	C	C	C	C	C

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANCKOC
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	505	535	405	435	505	535	605	635	705	735
1	115	-	-	-	F	F	F	F	F	C	F	F	F	-	-	115
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
5	105	S	C	C	S	-	-	-	-	-	-	-	-	-	-	115
6	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
7	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
8	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115

CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE: BANGKOK																	
LOCAL STANDARD TIME																	
DAY /HR	035	055	075	095	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535	1555		
1	-	117	108	103	110	110	106	110	107	107	119	122	122	122	125		
2	105	-	110	103	112	107	102	106	101	105	115	122	122	122	125		
3	-	-	103	-	105	110	117	106	102	102	114	120	122	122	125		
4	-	-	-	-	100	105	117	103	101	101	S	125	125	125	125		
5	-	-	-	-	100	115	S	105	103	101	120	125	125	125	125		
6	103	122	108	103	105	105	102	105	103	101	122	125	125	125	125		
7	105	125	105	103	102	100	102	105	100	101	122	125	125	125	125		
8	-	-	-	-	102	100	-	105	100	-	-	-	-	-	-		

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. BANGKOK
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	-	-	105	105	103	101	106	108	110	110	119	-	-	-	-	-
2	102	111	112	110	111	112	115	-	-	105	-	-	-	-	-	-
3	-	-	-	-	111	-	-	-	-	-	-	-	-	-	-	-
4	111	113	113	105	103	102	101	101	101	101	101	101	101	101	101	113
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	100	-	-	-	-	-	-	105	-	-	-	-	-	-	-	-
7	101	101	111	111	111	111	111	111	111	111	111	111	111	111	111	111

IV IONOSPHERIC DATA

B. Chantaburi

Pages 60 through 80 present ionospheric data for the month of April 1966.

Pages 81 through 98 present ionospheric data for the month of May 1966.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE, CHART-BURST
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	535	635	655	705	755
1	0.54	9.32	7.65	9.58	7.48R	7.50R	6.51R	6.10R	4.51	3.00	3.00	3.00	3.00	6.51	7.48R
2	7.65	7.72	7.65	6.45	5.75	5.20	4.73	4.71	4.02	2.00	2.00	2.00	2.00	6.54	7.43
3	10.5R	10.12	9.48F	8.95	8.62	7.75R	6.6	5.71	4.31	2.00	2.00	2.00	2.00	6.50	7.20
4	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.24R
5	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
6	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
7	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
8	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
9	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
10	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
11	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
12	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
13	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
14	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
15	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
16	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
17	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
18	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
19	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
20	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
21	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
22	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
23	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
24	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
25	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
26	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
27	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
28	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
29	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
30	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
31	F	F	8.48F	7.98	7.50	6.51	6.20R	F	4.72	F	2.00	2.00	2.00	6.51	7.25
MEDIAN	0.96	8.75	8.47	7.48	6.05	5.32	4.67	4.48	4.53	3.00	3.00	3.00	3.00	6.97	7.75
S.D. MED	0.89	7.81	7.45	6.45	5.18	4.75	4.47	4.35	4.37	3.00	3.00	3.00	3.00	6.61	7.51
1 QUART	7.93	7.88	7.45	6.45	5.18	4.75	4.47	4.35	4.37	3.00	3.00	3.00	3.00	6.23	7.44
3 QUART	9.47	9.15	8.57	7.54	6.25	5.77	5.05	4.75	4.75	3.00	3.00	3.00	3.00	7.51	8.11
UPPER	1.45	1.10	1.10	2.64	2.27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
LOWER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPREAD	0.96	0.75	0.47	1.45	1.18	1.05	0.67	0.13	0.16	0.00	0.00	0.00	0.00	0.36	0.64

IONOSPHERIC DATA VERTICAL INCIDENCE

9961-71837

7907 LOCAL SITE- CHANTBURI
THAI-CHINA TIE
INBUTIMH

[illegible]

CHARACTERISTICS: FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1956

SITE: CHARLESTON
LOCAL STANDARD TIME

DAY	HR	1555	1635	1715	1755	1835	1915	1955	2035	2105	2135	2215	2255	2335	2355
1		C	C	C	C	C	C	C	C	C	C	C	C	C	C
2		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
3		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
4		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
5		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
6		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
7		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
8		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
9		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
10		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
11		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
12		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
13		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
14		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
15		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
16		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
17		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
18		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
19		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
20		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
21		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
22		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
23		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
24		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
25		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
26		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
27		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
28		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
29		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
30		9.54	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
MEDIAN		9.55	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
S.O. MED		9.55	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
U QUART		9.55	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
U QUART		9.55	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
BLANK		9.55	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
ES		9.55	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20
SP2 F		9.55	10.20	10.50	11.20	11.50	12.20	12.50	13.20	13.50	14.20	14.50	15.20	15.50	16.20

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

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CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	805	835	905	935	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535	1835
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN	320	310	330	340	355	355	360	360	359	359	360	362	362	362	362	362	325
S.D. MED	1.60	1.55	1.40	1.30	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
L QUART	310	310	320	330	340	340	340	340	340	340	340	340	340	340	340	340	310
U QUART	330	330	340	350	360	360	360	360	360	360	360	360	360	360	360	360	350
RANGE	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

CHARACTERISTIC. H FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE. CHANTADJRI
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
2	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
3	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
4	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
5	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
6	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
7	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
8	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
9	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
10	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
11	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
12	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
13	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
14	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
15	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
17	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
18	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
19	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
20	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
21	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
22	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
23	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
24	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
25	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
26	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
27	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
28	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
29	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
30	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
MEDIAN	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
S.D. MED	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
U. QUART	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
L. QUART	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
RANGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300

IONOSPHERIC DATA
VERTICAL INCIDENCE

APR 11 1946

**SITE. CHATTANUGA!
LOCAL STANDARD TIME**

[illegible]

CHARACTERISTIC. FCF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	805	855	905	955	1005	1055	1105	1155	1205	1255	1305	1355	1405	1455	1505	1555
1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
MEDIAN	4.74	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75
S.D. MED	.03	.02	.04	.02	.02	.02	.01	.02	.04	.06	.03	.03	.04	.03	.03	.03
U QUART	4.80	4.75	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
L QUART	4.66	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71
RANGE	.14	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE: CHANTABURI
LOCAL STANDARD TIME

DAY / HR	1635	1653	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	4.55	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
2	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
3	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
4	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
5	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
6	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
7	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
8	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
9	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
10	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
11	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
12	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
13	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
14	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
15	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
16	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
17	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
18	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
19	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
20	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
21	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
22	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
23	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
24	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
25	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
26	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
27	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
28	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
29	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
30	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
MEDIAN	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
S.D. MED	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
L QUART	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71
U QUART	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77
RANGE	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06

ATMOSPHERIC DATA
VERTICAL INCIDENCE

APRIL 1966

[illegible]

CHARACTERISTIC, M FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
APRIL, 1966

SITE: HANTABURI
LOCAL STANDARD TIME

DAY /HR	005	035	065	095	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APRIL, 1966

	DAY	HR	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1																	
2																	
3																	
4																	
5																	
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8																	
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48																	

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CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	5	55	105	155	205	255	305	355	405	455	505	555	605	655	705	755
1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
MEDIAN	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74
S.D. MED	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50
L. QUART	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55	5.55
U. QUART	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58
RANGE	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHAN. ABUJI
LOCAL STANDARD TIME

DAY /HR	805	835	905	935	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
7	11.00	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
8	7.20L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
9	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
10	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
11	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
12	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
13	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
14	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
15	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
16	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
17	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
18	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
19	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
20	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
21	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
22	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
23	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
24	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
25	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
26	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
27	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
28	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
29	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
30	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
31	5.71L	6.55L	7.24L	7.25L	7.30L	7.36L	7.40L	7.46L	7.48L	7.50L	7.55L	7.59L	7.61L	7.61L	7.61L	7.61L
MEDIAN	6.50	6.75	6.99	6.99	7.05	7.12	7.20	7.22	7.26	7.29	7.35	7.40	7.43	7.45	7.45	7.45
S.O. MED	1.21	1.09	1.14	1.14	1.25	1.39	1.50	1.52	1.54	1.56	1.58	1.60	1.61	1.61	1.61	1.61
1 QUART	1.16	1.04	1.09	1.09	1.20	1.34	1.45	1.47	1.49	1.51	1.53	1.55	1.56	1.56	1.56	1.56
3 QUART	1.15	1.03	1.08	1.08	1.19	1.33	1.44	1.46	1.48	1.50	1.52	1.54	1.55	1.55	1.55	1.55
TIME																

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	5.55L	6.58L	5.72L	7.00L	6.50F		5.40F									
8	C	C	6.55L	C	5.75F											
9	C	6.75L	6.25L	5.50L	5.74F		5.74F									
10	3.95L	7.0L	5.76L	5.26L	5.74F		5.74F									
11	7.75L	7.50L		8.54L	8.40F		5.80F									
12					5.51F		5.72F									
13																
14	5.55L	5.80L	6.51L													
15	5.89L	6.55L	6.49L		S											
16	6.75L	6.55L														
17																
18																
19	7.75L	7.01L	6.51L	5.75L	5.55F											
20	6.75L	6.74L	5.75L	6.20L												
21																
22	4.70L	4.45L					7.95F									
23																
24	6.57L	6.40L	6.55L	5.35L												
25	6.81L	6.74L	6.25L													
26	5.75L	6.52L	6.75L	6.70L												
27	5.20L															
28	5.10L	5.51L	5.52L	6.50L	6.76F		9.52F									
29	12.52L	11.58L	14.52L	14.20L	11.48L		8.90F									
30	6.80L	6.75L	6.55L	5.50L	5.50F											
MEDIAN	6.26	6.66	6.50	6.20	5.75		5.80									
S.D. MED	1.19	1.52	2.19	2.57	5.75		6.25									
U. QUART	5.55	6.59	5.76	5.55	5.74		5.81									
L. QUART	6.80	6.80	6.55	7.00	10.00		7.12									
RANGE	1.25	.55	.19	1.65	5.06		5.16									

IONOSPHERIC DATA
VERTICAL INCIDENCE

TYPE: CHARTERED
LOCAL STAIRS TYPE

75

CHARACTERISTIC MES

IGUOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE: CHANTABURI
LOCAL STANDARD TIME

DAY	HR	005	055	905	955	1005	1035	1105	1135	1205	1235	1305	1335	1355	1405	1435	1505	1535
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S. QUANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. QUANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLANE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

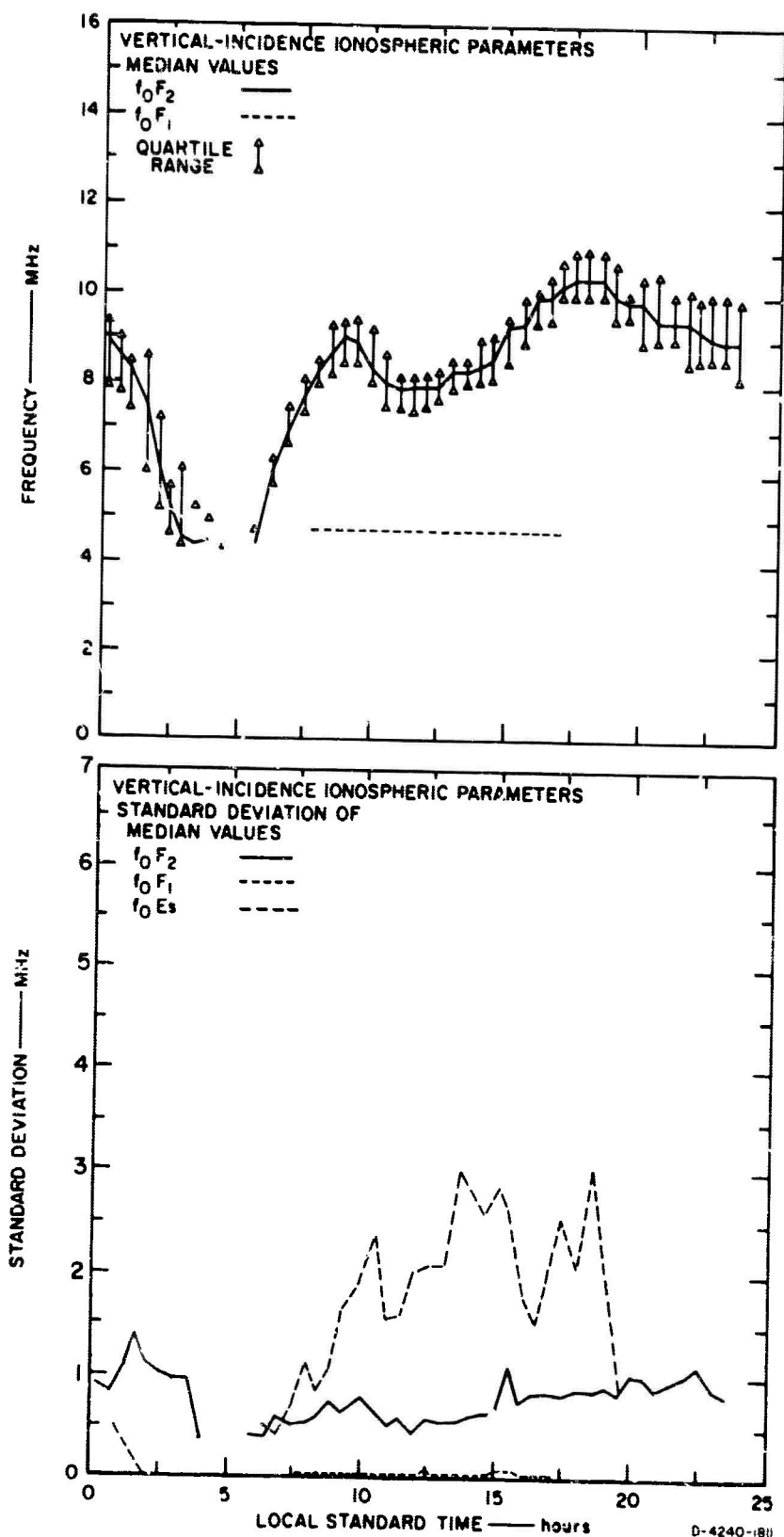
CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

APRIL, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	1635	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
7	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
8	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
9	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
10	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
11	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
12	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
13	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
14	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
15	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
16	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
17	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
18	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
19	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
20	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
21	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
22	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
23	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
24	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
25	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
26	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
27	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
28	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
29	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
30	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
MEAN	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
S.D.M.E.S	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55
U QUANT	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
L QUANT	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
RAISE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5



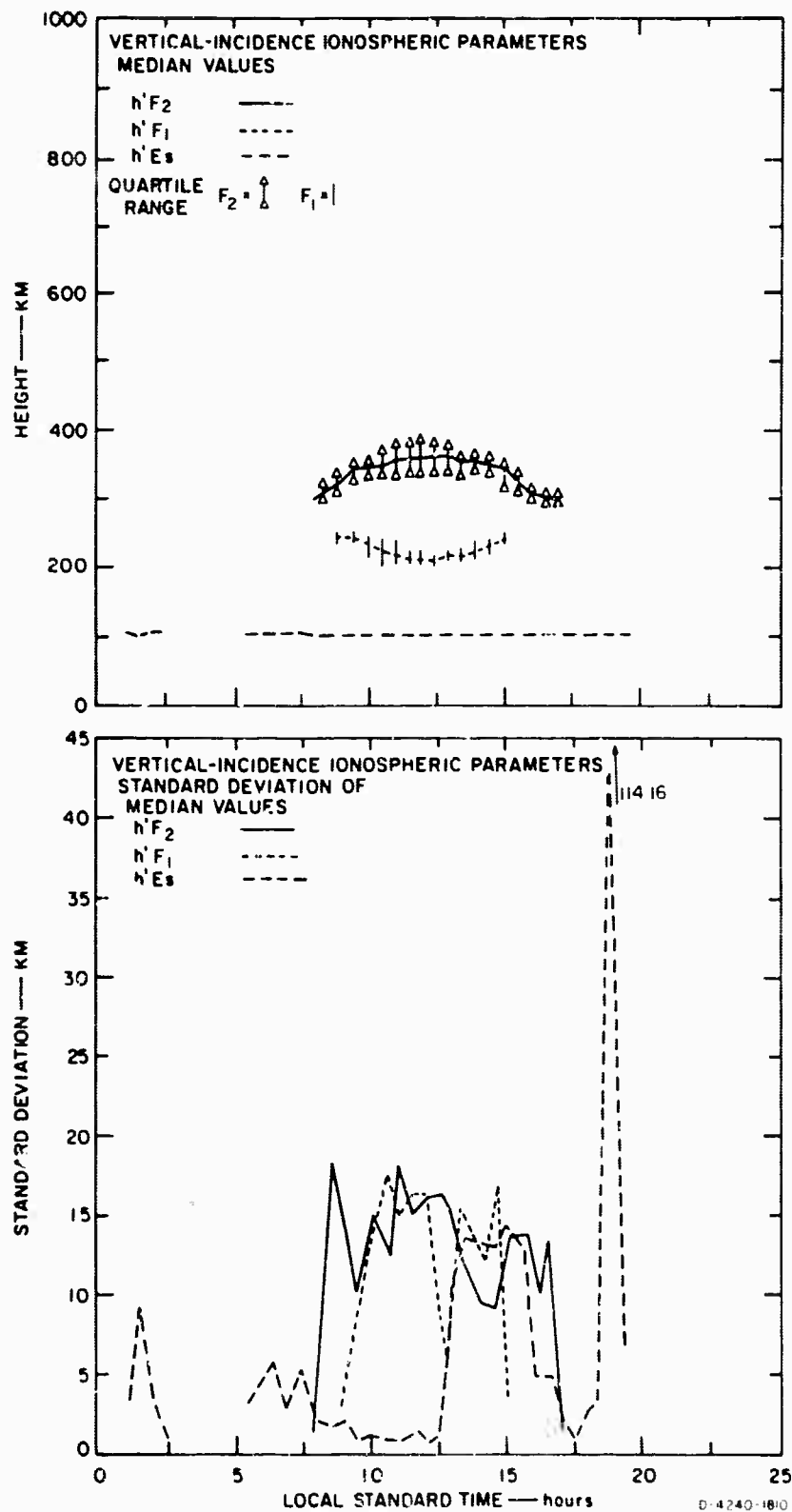
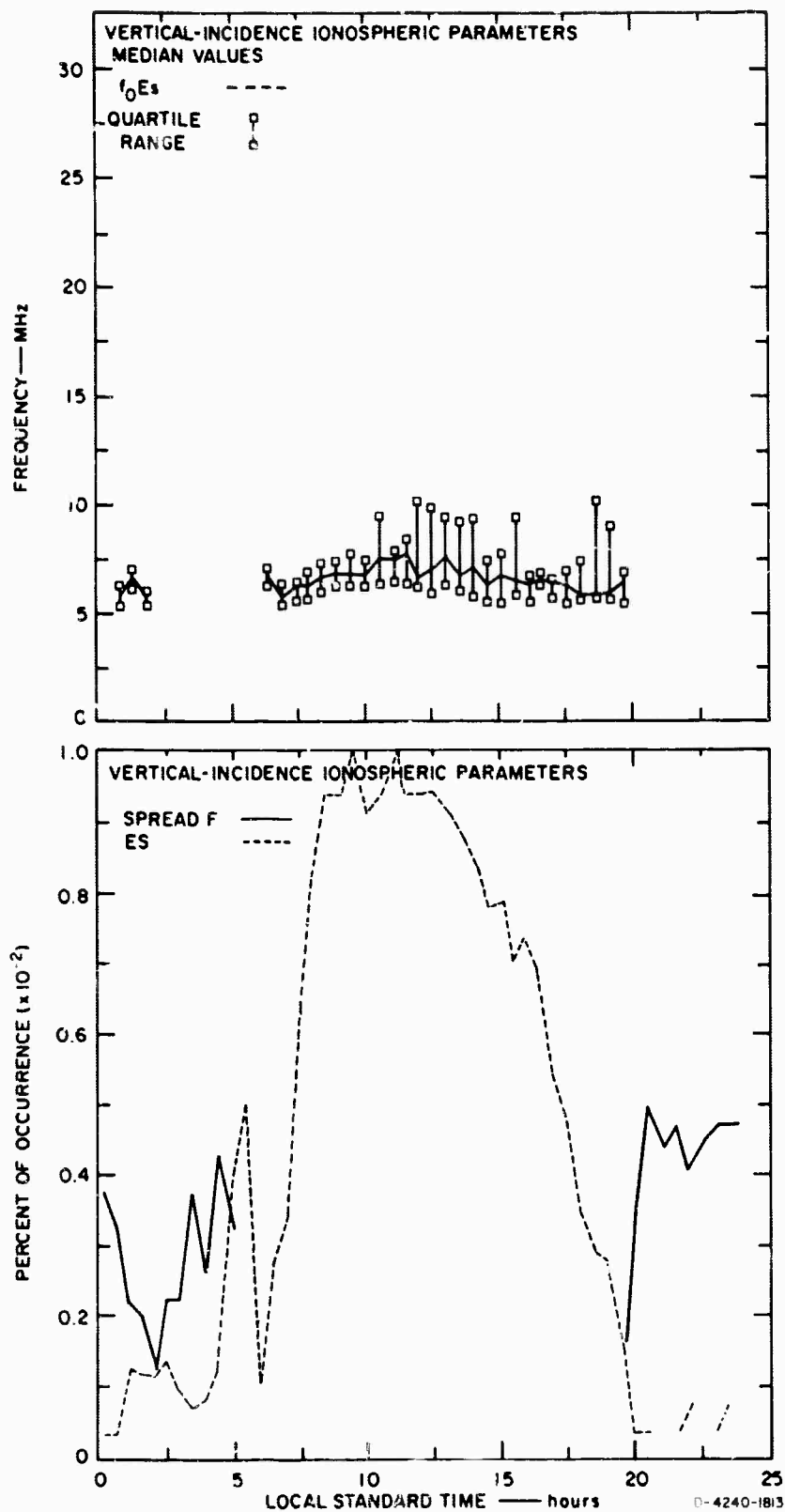


FIG. 9 VIRTUAL HEIGHT SUMMARY, CHANTABURI, APRIL, 1966



CHARACTERISTIC. FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY	HR	5	35	125	135	205	235	305	335	405	435	505	535	605	635	705	735
1		10.00R	10.10R	9.10R	8.10	6.50	6.10	5.55	5.05	5.35	5.50	5.50	5.40	5.35	5.30	5.25	5.20
2		9.55R	9.50R	9.10R	8.10	6.50	6.10	5.55	5.05	5.35	5.50	5.50	5.40	5.35	5.30	5.25	5.20
3		9.55R	9.50R	9.10R	8.10	6.50	6.10	5.55	5.05	5.35	5.50	5.50	5.40	5.35	5.30	5.25	5.20
4		9.55R	9.50R	9.10R	8.10	6.50	6.10	5.55	5.05	5.35	5.50	5.50	5.40	5.35	5.30	5.25	5.20
5		9.55R	9.50R	9.10R	8.10	6.50	6.10	5.55	5.05	5.35	5.50	5.50	5.40	5.35	5.30	5.25	5.20
6		9.55R	9.50R	9.10R	8.10	6.50	6.10	5.55	5.05	5.35	5.50	5.50	5.40	5.35	5.30	5.25	5.20

CHARACTERISTIC. F02

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, CHARLOTTE, NC
LOCAL STANDARD TIME

DAY /HR	015	035	055	075	095	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535
1	9.51	10.11	9.50	9.40	9.40	9.40	9.00	8.95	8.92	9.41	9.58	10.01	12.71	11.11	11.11
2	9.58	9.52	9.50	9.40	9.40	9.52R	-	10.00R	9.70	10.56	10.52	10.50	11.10	12.04R	12.01R
3	9.50	9.50	10.00	10.40	10.40	9.55	10.00	9.60	9.95	9.51	9.51R	9.51	9.51	9.51	9.51
4	9.50	9.52	8.52	7.75	9.52	8.60	7.50	7.50R	7.99	8.61	5	9.51	5	10.01	10.11
5	9.50	10.40	10.11	10.11	10.11	9.61	9.00	8.95	8.51	8.51R	8.60R	8.50R	9.00	9.51	10.11
6	9.51R	9.51R	8.41	7.99	7.99	9.51R	-	-	-	8.76	8.51	10.55R	9.00	10.04	10.11

CHARACTERISTIC. F3F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, CHANTIER:
LOCAL STANDARD TIME

DAY	HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1		11.51	11.52R	12.0R	12.52R	12.98R	12.51R	12.46R	12.40R	10.96	10.51	10.11	9.73R	9.21	9.13R	9.11	8.52
2		12.51R	12.53R	13.3R	12.52R	12.53R	12.53R	12.48R	11.00R	10.11R	10.11R	9.56R	9.40R	9.21	9.13R	9.11	8.52
3		9.11	9.4R	9.53R	10.22R	10.53R	10.40	10.48	10.00	9.66R	9.40	9.28	9.11	9.21	9.13R	9.11	8.52
4		10.11	10.53R	11.53R	10.53R	10.53R	10.53R	10.53R	10.20	10.22R	9.52	8.98	8.61	9.21	9.13R	9.11	8.52
5		10.11	10.53R	11.53R	10.53R	10.53R	10.53R	10.53R	10.20	10.22R	9.52	8.98	8.61	9.21	9.13R	9.11	8.52
6		10.11	10.53R	11.53R	10.53R	10.53R	10.53R	10.53R	10.20	10.22R	9.52	8.98	8.61	9.21	9.13R	9.11	8.52

CHARACTERISTIC. H FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABUN
LOCAL STANDARD TIME

DAY /HR	3	59	105	155	205	255	305	335	405	455	505	535	605	655	705	735
1	-	-	-	-	F	F	F	F	F	F	F	C	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-

CHARACTERISTIC. M FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	0:5	0:5	9:5	9:5	10:5	10:5	11:5	11:5	12:5	12:5	13:5	13:5	14:5	14:5	15:5	15:5
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5
4	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5
5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5
6	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5	3:5

CHARACTERISTIC. M FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
MAY, 1966

SITE: CHANTABURI																	
LOCAL STANDARD TIME																	
DAY	HR	16:5	16:55	17:5	17:55	18:5	18:55	19:5	19:55	20:5	20:55	21:05	21:55	22:5	22:55	23:5	23:55
1	3:2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3:2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3:2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCF:

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	3	55	105	155	205	255	305	355	405	455	505	555	605	655	705	755
1	-	-	-	-	F	F	F	F	F	F	F	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. F0Y1

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY. 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	805	835	905	935	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535
1	-	-	-	4.73	-	-	-	4.74	4.75	4.77	4.75	4.75	4.75	4.74	4.75	4.74
2	4.73	4.73	4.73	4.73	-	-	-	4.74	4.75	4.75	4.77	4.75	4.75	4.76	4.76	4.75
3	4.73	4.73	4.73	4.73	4.76	4.76	4.74	4.74	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75
4	4.73	4.73	4.73	4.73	-	-	-	-	-	-	4.76	4.75	4.75	4.75	4.75	4.75
5	-	4.74	4.75	4.75	4.77	4.75	4.77	4.76	4.76	4.75	4.74	4.74	4.75	4.75	4.75	4.75
6	4.73	4.73	4.73	4.73	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANGABURI
LOCAL STANDARD TIME

DAY /HR	1605	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	4.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	4.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. M FCF:

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, CHANTABURI
LOCAL STANDARD TIME

DAY	HR	5	55	105	155	205	255	305	355	405	455	505	555	605	655	705	755
1		-	-	-	-	F	F	F	F	F	F	F	-	-	-	-	-
2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY 1956

79207 74207
SITE. CHATTANOOGA
LOCAL TIME

DAY	MR.	8.55	9.05	9.35	10.05	10.55	11.05	12.05	12.55	13.05	13.55	14.05	14.55	15.05	15.55
1	-	-	-	-	-	-	-	242	-	225	230	248	234	255	-
2	-	-	250	-	-	-	-	-	-	-	227	-	-	-	-
3	-	-	250	-	249	210	210	210	205	-	225	210	225	250	-
4	-	-	255	250	-	-	-	-	-	5	5	235	5	-	-
5	-	-	242	242	235	255	210	205	215	215	215	215	245	-	-
6	-	246	245	245	-	-	-	206	215	215	215	-	-	-	-

CHARACTERISTIC. W FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY /HR	1605	1635	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHARTABURI
LOCAL STANDARD TIME

DAY /HR	5	35	105	135	205	235	305	335	405	435	505	535	605	635	705	735
1	-	-	-	-	F	F	F	F	F	F	F	-	-	-	9.20L	8.70L
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.00L
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.75L
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.50L
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	6.50F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.50L

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE, CHARTABUR
LOCAL STANDARD TIME

DAY	HR	005	035	065	095	1205	1305	1405	1505	1605	1705	1805	1905
1		7.49L	6.55L	7.50L	11.020	11.000	10.020	6.78L	6.74L	6.50L	6.74L	6.74L	6.73L
2		9.40L	11.18L	17.41L	15.53L	15.53L	15.53L	15.93L	10.40L	6.74L	10.46L	9.31L	6.73L
3		6.00L	6.51L	6.61L	6.95L	6.70L	6.55L	5.80L	6.75L	5.74L	6.70L	5.74L	6.71L
4		6.65L	6.61L	5.55L	7.51L	9.50L	10.00L	11.52L	9.90L	10.52L	14.32L	5	6.65L
5		-	5.42L	5.71L	6.51L	6.51L	6.71L	5.71L	5.75L	5.55L	5.55L	5.81L	6.76L
6		10.00L	9.10L	6.55L	7.21L	15.90L	15.90L	15.90L	15.93L	10.80L	12.03L	12.20L	6.95L
													5.81L

CHARACTERISTIC. FEES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

STATION: CHANTABURI
LOCAL STANDARD TIME

DAY /HR	1635	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1	6.60L	5.74L	5.50L	6.50L	5.75F	6.50F	5.50F	6.55F	7.30F	6.50F	-	-	-	-	-	-
2	6.74L	6.75L	6.98L	6.75L	6.50F	6.55F	6.05F	5.25F	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	6.50L	7.05L	6.55L	6.50L	5.75F	9.00F	8.90F	-	5.76F	5.70F	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	6.52L	5.75L	5.75L	5.49L	5.90F	6.00F	5.75F	5.80F	-	-	-	-	-	-	-	-

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTARU
LOCAL STANDARD TIME

DAY /HR	0	30	105	135	205	235	305	335	405	435	455	515	555	615	655	715	755
1	-	-	-	-	F	-	F	F	F	F	F	F	F	-	-	116	115
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	115
6	115	-	-	-	-	-	0°	0	0	0	0	0	0	-	-	5	115

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

MAY, 1966

SITE. CHANTABURI
LOCAL STANDARD TIME

DAY	HR	035	055	085	095	1015	1055	1105	1155	1205	1235	1305	1335	1405	1455	1505	1535
1	133	131	131	131	131	131	131	131	131	132	132	132	133	135	131	135	135
2	132	130	130	131	131	131	131	131	131	131	131	131	132	132	135	131	131
3	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135
4	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
5	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
6	132	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131

CHARACTERISTIC. M ES

IONOSPHERIC DATA VERTICAL INCIDENCE																	
MAY, 1966																	
SITE, CHANTABURI																	
LOCAL STANDARD TIME																	
DAY	LOCAL	1635	1655	1705	1735	1805	1835	1905	1935	2005	2035	2105	2135	2205	2235	2305	2335
1		101	101	106	105	103	102	104	101	-	-	-	-	-	-	-	-
2		101	101	100	100	101	101	101	101	105	100	-	-	-	-	-	-
3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4		101	102	102	102	101	100	100	-	102	102	102	-	-	-	-	-
5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6		105	105	105	105	105	102	100	-	-	-	-	-	-	-	-	-

IV IONOSPHERIC DATA

C. Prachuab

Pages 100 through 120 present ionospheric data for the month of June 1966.

Pages 121 through 141 present ionospheric data for the month of July 1966.

Pages 142 through 160 present ionospheric data for the month of August 1966.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	5.60	5.19	4.80	C	C	C	C	6.82R
6	5.10	6.46	C	C	C	C	C	C
7	7.20	5.84	4.74	C	C	C	C	7.20R
8	6.46	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	7.67R	5.49R	C	C	C	C	C	7.60
11	7.20	5.68	C	C	C	C	C	7.60R
12	6.50	C	C	C	C	C	C	6.49
13	6.00R	C	C	C	C	C	C	6.95R
14	C	C	C	C	C	C	C	7.20
15	C	C	C	C	C	C	C	6.70
16	C	C	C	C	C	C	C	7.60R
17	C	C	C	C	C	C	C	7.54R
18	C	C	C	C	C	C	C	6.80
19	C	C	C	C	C	C	C	7.00R
20	5.12	C	C	C	C	C	C	6.04
21	6.15	5.60	C	C	C	C	C	6.94
22	C	4.95	5.00	C	C	C	C	7.02R
23	5.20	C	4.70	C	C	C	C	6.65
24	7.90	C	C	C	C	C	C	6.60
25	C	7.65	5.60	C	C	C	C	7.65R
26	7.95	C	C	C	C	C	C	6.55
27	C	6.12	C	C	C	C	C	7.65
28	4.85	C	C	C	C	C	C	6.45
29	C	C	C	C	C	C	C	6.50
30	C	C	6.40	5.18	C	C	C	6.76
MEDIAN	6.15	5.15	4.86	...	...	...	...	6.94
S.D. MED	1.07	1.13	4.76	...	...	...	...	6.44
L QUART	5.12	5.62	5.60	...	...	...	...	6.57
U QUART	7.20	5.30	1.00	...	...	...	...	7.37
RANGE	2.08	6.00	1.00	3.00	0	8.00	13.00	1.00
BLANK	1.00	.10	.19	.15	0	0	0	.56
ES	.13	.47	.65	.52	0	0	0	0
SPRD F	.39							

CHARACTERISTIC. FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE- PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	7.80	7.00	6.97	7.05	7.12	7.10	7.50	9.90
5	C	6.98	6.70	6.45	7.90	7.20	C	8.12R
6	8.10R	6.90	6.98	7.25	6.65	7.20	7.50	10.00
7	7.90R	7.90R	8.00R	7.20	7.50	7.20	7.55	8.20R
8	C	C	C	7.40	7.64	7.20	7.50	7.50
9	8.44	9.00	C	8.20	7.00	7.00	7.20	8.00R
10	C	7.70	7.70R	7.20	7.17	8.12R	8.50	8.40
11	7.70	7.00	7.60	7.20	6.90	C	6.74	7.04
12	7.66	7.00	6.50	6.24	7.30	7.38	7.55	7.90
13	8.40	9.80R	C	C	7.00	7.50	7.40	7.99
14	7.90	7.56	7.20	7.00	C	C	C	9.30
15	8.20	C	C	C	7.70	8.10	8.60	9.32R
16	8.00	8.00	8.06	7.55	7.70	C	7.90	8.60R
17	9.04R	8.80	7.90	6.80	7.83	7.44	8.00	9.20
18	7.99	8.60	7.55	C	7.50	C	C	9.20
19	7.53	C	C	C	C	6.93	C	C
20	8.12	C	6.96	6.95	6.99	C	C	7.35
21	8.00	7.66	C	7.00R	6.94	C	C	7.20
22	7.85	8.04R	6.95	6.60	6.55	C	6.95	7.30
23	8.00R	8.40	7.14	6.05	6.50	C	6.95	9.90
24	7.85	7.10	C	C	C	7.95	8.40	7.95
25	8.40	9.04R	9.02R	8.40	7.30	7.60	7.14	C
26	7.70	8.00	C	6.98	C	C	8.00	7.90
27	8.52R	8.90	8.60	6.73	7.60	C	8.00R	C
28	8.30R	7.56	6.98	C	C	C	7.90	7.80
29	C	C	C	C	C	C	8.00R	8.00
30	7.95R	7.80	7.27	7.00	7.84R	7.50	C	C
MEDIAN	8.00	7.95	7.27	7.00	7.30	7.41	7.60	8.00
S.D. MED	.46	.78	.66	.59	.43	.37	.54	.97
U. QUART	7.70	7.56	6.97	6.76	6.36	7.20	7.20	7.85
L. QUART	8.40	8.80	7.90	7.37	7.97	7.60	8.00	9.20
RANGE	.70	1.24	.93	.61	.71	.40	.80	1.35
BLANK	0	0	0	0	0	0	0	0
ES	.96	.96	1.00	1.00	1.00	1.00	1.00	.00
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	10.66	11.08	10.80R	9.72R	8.40	9.00	7.97R	6.73
3	8.88R	9.10R	9.40	10.10R	9.02R	6.94R	5.99R	5.10
4	10.60R	10.60R	10.00R	10.00R	7.90R	8.00R	8.40R	7.65R
5	8.40R	10.60R	8.28R	7.80	7.86R	7.97	7.12R	6.50
6	8.60R	9.00R	9.92R	9.96R	8.80	7.90R	6.70	F
7	8.40	C	C	C	C	7.90R	F	F
8	8.64R	8.88R	9.20R	9.00R	8.10	7.65R	7.11R	7.40
9	8.40	9.00R	9.10R	9.10	8.56	7.90	7.05	8.00
10	8.80	9.32R	9.96R	9.80R	9.08R	C	7.90R	7.00
11	7.92	8.80R	10.20	8.80R	7.65R	C	6.76	6.70
12	8.40	8.80R	9.40	10.10R	8.40	6.95	5.34	4.80
13	8.60R	9.50R	9.10	9.90R	9.90R	8.40R	C	C
14	10.00	10.00R	9.10	10.20R	10.72R	5.50	F	F
15	10.20	10.00	11.00R	9.40R	F	F	C	C
16	8.80	10.80	11.80R	9.60R	5.96	4.95	C	C
17	10.00R	9.90R	9.86R	9.12R	7.90	6.96	7.08R	F
18	9.96R	-	C	C	9.72R	9.88R	6.57R	4.65
19	-	-	8.90	9.90R	9.91R	F	F	F
20	7.56R	8.48R	9.12R	9.90R	8.96	7.90	7.65	6.90
21	C	9.66	11.00	9.98R	7.90	9.80	C	C
22	8.10	8.92	9.90	9.90	7.90	7.90	6.30R	5.50
23	8.30R	8.00	8.66	9.20	8.42	7.80	7.30	9.80
24	9.12	9.10	8.20	8.36R	10.00R	11.10	F	F
25	8.60	10.00	11.00	9.30	7.95	7.60	7.50	6.70
26	8.60	9.20R	9.98R	10.00	9.92R	7.95	7.10	7.06
27	8.00	9.96R	9.40	9.24	10.24R	7.90	5.30	4.90
28	8.32	9.90R	9.24	10.16R	8.00R	7.90R	F	F
29	-	-	-	9.40R	9.20R	7.90R	7.86R	8.16R
30	-	-	-	-	-	-	-	-
MEDIAN	8.60	9.10	9.00	9.76	8.68	7.90	7.10	6.78
S.D. MED	.88	.83	.86	.64	1.06	1.22	.82	1.22
U. QUART	9.36	8.90	9.11	9.12	7.98	6.96	6.57	5.30
L. QUART	9.54	9.96	9.99	9.98	9.82	7.98	7.65	7.52
RANGE	1.10	1.06	.88	.86	1.84	1.02	1.08	2.22
BLANK	0	0	0	0	0	0	0	0
ES	.81	.63	.58	.54	.44	.23	.16	.30
SPRD F	0	0	0	0	.14	.12	.24	.32

CHARACTERISTIC. H FGF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705	
1	0000	0000	0000	0000	0000	0000	0000	0000	
2	0000	0000	0000	0000	0000	0000	0000	0000	
3	0000	0000	0000	0000	0000	0000	0000	0000	
4	0000	0000	0000	0000	0000	0000	0000	0000	
5	0000	0000	0000	0000	0000	0000	0000	0000	
6	0000	0000	0000	0000	0000	0000	0000	0000	
7	0000	0000	0000	0000	0000	0000	0000	0000	
8	0000	0000	0000	0000	0000	0000	0000	0000	
9	0000	0000	0000	0000	0000	0000	0000	0000	
10	0000	0000	0000	0000	0000	0000	0000	0000	
11	0000	0000	0000	0000	0000	0000	0000	0000	
12	0000	0000	0000	0000	0000	0000	0000	0000	
13	0000	0000	0000	0000	0000	0000	0000	0000	
14	0000	0000	0000	0000	0000	0000	0000	0000	
15	0000	0000	0000	0000	0000	0000	0000	0000	
16	0000	0000	0000	0000	0000	0000	0000	0000	
17	0000	0000	0000	0000	0000	0000	0000	0000	
18	0000	0000	0000	0000	0000	0000	0000	0000	
19	0000	0000	0000	0000	0000	0000	0000	0000	
20	0000	0000	0000	0000	0000	0000	0000	0000	
21	0000	0000	0000	0000	0000	0000	0000	0000	
22	0000	0000	0000	0000	0000	0000	0000	0000	
23	0000	0000	0000	0000	0000	0000	0000	0000	
24	0000	0000	0000	0000	0000	0000	0000	0000	
25	0000	0000	0000	0000	0000	0000	0000	0000	
26	0000	0000	0000	0000	0000	0000	0000	0000	
27	0000	0000	0000	0000	0000	0000	0000	0000	
28	0000	0000	0000	0000	0000	0000	0000	0000	
29	0000	0000	0000	0000	0000	0000	0000	0000	
30	0000	0000	0000	0000	0000	0000	0000	0000	
MEDIAN	0000	0000	0000	0000	0000	0000	0000	0000	
S.D. MED	0000	0000	0000	0000	0000	0000	0000	0000	
L QUART	0000	0000	0000	0000	0000	0000	0000	0000	
U QUART	0000	0000	0000	0000	0000	0000	0000	0000	
RANGE	0000	0000	0000	0000	0000	0000	0000	0000	

CHARACTERISTIC. H FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	400	440	450	455	440	C	395
5	C	400	450	455	455	440	C	384
6	320	360	450	455	455	444	430	380
7	340	380	444	440	450	440	C	371
8	-	370	350	400	450	455	430	360
9	305	330	-	450	455	455	430	440
10	-	350	450	450	440	450	435	350
11	345	357	450	440	440	400	360	400
12	-	-	450	450	450	440	440	440
13	310	320	455	450	450	440	450	435
14	350	380	-	C	440	435	410	400
15	-	-	380	440	440	-	-	-
16	-	-	380	340	370	-	380	350
17	-	334	430	444	440	C	415	420
18	320	330	350	C	440	440	420	350
19	-	-	-	-	-	-	-	360
20	345	C	405	450	450	445	-	-
21	-	-	C	450	440	-	C	C
22	350	365	400	415	456	C	-	-
23	-	360	405	450	462	C	-	-
24	-	-	-	-	-	-	-	410
25	-	-	350	440	C	-	-	-
26	-	-	C	452	-	440	430	435
27	-	-	-	-	-	C	-	-
28	-	350	-	-	-	-	-	-
29	C	C	C	-	-	-	-	-
30	-	384	360	372	380	440	-	440
MEDIAN	340	360	405	444	450	442	425	392
S.D.	18.78	24.09	39.37	32.28	25.99	13.46	29.99	35.99
L QUART	315	337	370	432	440	440	395	360
U QUART	347	380	450	450	455	449	436	435
RANGE	32	43	80	18	15	9	41	75

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAUB		LOCAL STANDARD TIME					
DAY	/HR	1605	1705	1805	1905	2005	2105
1		C	C	C	C	C	C
2		C	C	C	C	C	C
3		350					
4		355					
5		360					
6		348					
7		360					
8		360					
9		400					
10		350					
11		-					
12		370					
13		380					
14		360					
15		-					
16		-					
17		350	320				
18		320					
19		350					
20		-					
21		-					
22		C					
23		-					
24		360					
25		-					
26		-					
27		-					
28		-					
29		-					
30		-					
MEDIAN		360	..	..	..	..	..
S.D. MED		17.37	..	..	..	..	..
QUART		350	..	..	..	..	..
V QUART		360	..	..	..	..	..
RANGE		10	..	..	..	..	..
2305							
2205							
2105							

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	0000	0000	0000	0000	0000	0000	0000	0000
2	0000	0000	0000	0000	0000	0000	0000	0000
3	0000	0000	0000	0000	0000	0000	0000	0000
4	0000	0000	0000	0000	0000	0000	0000	0000
5	0000	0000	0000	0000	0000	0000	0000	0000
6	0000	0000	0000	0000	0000	0000	0000	0000
7	0000	0000	0000	0000	0000	0000	0000	0000
8	0000	0000	0000	0000	0000	0000	0000	0000
9	0000	0000	0000	0000	0000	0000	0000	0000
10	0000	0000	0000	0000	0000	0000	0000	0000
11	0000	0000	0000	0000	0000	0000	0000	0000
12	0000	0000	0000	0000	0000	0000	0000	0000
13	0000	0000	0000	0000	0000	0000	0000	0000
14	0000	0000	0000	0000	0000	0000	0000	0000
15	0000	0000	0000	0000	0000	0000	0000	0000
16	0000	0000	0000	0000	0000	0000	0000	0000
17	0000	0000	0000	0000	0000	0000	0000	0000
18	0000	0000	0000	0000	0000	0000	0000	0000
19	0000	0000	0000	0000	0000	0000	0000	0000
20	0000	0000	0000	0000	0000	0000	0000	0000
21	0000	0000	0000	0000	0000	0000	0000	0000
22	0000	0000	0000	0000	0000	0000	0000	0000
23	0000	0000	0000	0000	0000	0000	0000	0000
24	0000	0000	0000	0000	0000	0000	0000	0000
25	0000	0000	0000	0000	0000	0000	0000	0000
26	0000	0000	0000	0000	0000	0000	0000	0000
27	0000	0000	0000	0000	0000	0000	0000	0000
28	0000	0000	0000	0000	0000	0000	0000	0000
29	0000	0000	0000	0000	0000	0000	0000	0000
30	0000	0000	0000	0000	0000	0000	0000	0000
MEDIAN	0000	0000	0000	0000	0000	0000	0000	0000
S.D. MED	0000	0000	0000	0000	0000	0000	0000	0000
L. QUART	0000	0000	0000	0000	0000	0000	0000	0000
U. QUART	0000	0000	0000	0000	0000	0000	0000	0000
RANGE	0000	0000	0000	0000	0000	0000	0000	0000

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	095	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	5.02	5.03	5.05	5.01	5.02	5.06	5.02	5.04
7	-	5.05	5.05	5.02	5.01	5.05	5.01	5.02
8	-	5.05	5.02	5.01	5.11	5.05	5.05	4.99
9	-	-	-	5.01	4.96	5.01	4.95	C
10	-	5.02	-	5.02	5.02	5.01	5.01	5.05
11	5.00	-	5.01	5.02	5.02	5.01	5.03	5.02
12	-	5.05	5.01	5.02	5.01	5.02	5.03	-
13	5.02	5.01	5.02	5.02	5.01	5.01	5.01	5.00
14	5.03	-	5.02	5.01	5.02	5.03	5.05	5.01
15	-	-	5.02	5.01	5.00	5.03	-	5.06
16	-	5.01	5.03	5.01	5.03	5.02	-	-
17	-	-	5.02	5.01	5.00	5.03	-	C
18	5.02	5.01	5.02	5.01	5.01	5.03	-	-
19	5.01	C	5.03	5.01	5.03	5.02	-	5.05
20	-	-	5.02	5.01	5.00	5.03	5.00	-
21	5.00	5.02	5.02	5.03	5.02	5.03	-	-
22	-	5.02	5.00	5.03	5.02	5.03	-	-
23	-	5.02	5.00	5.03	5.02	5.03	-	-
24	-	5.02	5.01	5.02	C	5.03	5.02	5.05
25	-	-	5.01	5.02	-	-	5.00	-
26	-	5.03	-	-	-	C	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	C	5.03	5.02	5.04	5.06	5.02	-	5.01
30	-	5.03	5.02	5.02	-	-	-	-
MEDIAN	5.02	5.02	5.02	5.02	5.01	5.02	5.01	5.02
S.D. MED	.01	.02	.01	.01	.04	.03	.03	.03
L. QUART	5.00	5.02	5.01	5.01	5.01	5.02	5.01	5.00
U. QUART	5.02	.01	.01	.02	5.02	5.05	5.03	5.05
RANGE	.02	.01	.01	.01	.01	.03	.02	.03

CHARACTERISTIC. FUF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUL, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY	HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C
4	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
5	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
6	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
7	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
8	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C
12	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
13	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
14	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01
15	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C
17	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
18	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01
19	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C	C
24	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
25	C	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C	C
MEDIAN	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
S.D. MED	.01	.01	.01	.01	.01	.01	.01	.01	.01
U. QUANT	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
L. QUANT	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02
RANGE	.02	.02	.02	.02	.02	.02	.02	.02	.02

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	0000	0000	0000	0000	0000	0000	0000	0000
2	0000	0000	0000	0000	0000	0000	0000	0000
3	0000	0000	0000	0000	0000	0000	0000	0000
4	0000	0000	0000	0000	0000	0000	0000	0000
5	0000	0000	0000	0000	0000	0000	0000	0000
6	0000	0000	0000	0000	0000	0000	0000	0000
7	0000	0000	0000	0000	0000	0000	0000	0000
8	0000	0000	0000	0000	0000	0000	0000	0000
9	0000	0000	0000	0000	0000	0000	0000	0000
10	0000	0000	0000	0000	0000	0000	0000	0000
11	0000	0000	0000	0000	0000	0000	0000	0000
12	0000	0000	0000	0000	0000	0000	0000	0000
13	0000	0000	0000	0000	0000	0000	0000	0000
14	0000	0000	0000	0000	0000	0000	0000	0000
15	0000	0000	0000	0000	0000	0000	0000	0000
16	0000	0000	0000	0000	0000	0000	0000	0000
17	0000	0000	0000	0000	0000	0000	0000	0000
18	0000	0000	0000	0000	0000	0000	0000	0000
19	0000	0000	0000	0000	0000	0000	0000	0000
20	0000	0000	0000	0000	0000	0000	0000	0000
21	0000	0000	0000	0000	0000	0000	0000	0000
22	0000	0000	0000	0000	0000	0000	0000	0000
23	0000	0000	0000	0000	0000	0000	0000	0000
24	0000	0000	0000	0000	0000	0000	0000	0000
25	0000	0000	0000	0000	0000	0000	0000	0000
26	0000	0000	0000	0000	0000	0000	0000	0000
27	0000	0000	0000	0000	0000	0000	0000	0000
28	0000	0000	0000	0000	0000	0000	0000	0000
29	0000	0000	0000	0000	0000	0000	0000	0000
30	0000	0000	0000	0000	0000	0000	0000	0000
MEDIAN	0000	0000	0000	0000	0000	0000	0000	0000
S.D. MED	0000	0000	0000	0000	0000	0000	0000	0000
L. QUART	0000	0000	0000	0000	0000	0000	0000	0000
U. QUART	0000	0000	0000	0000	0000	0000	0000	0000
RANGE	0000	0000	0000	0000	0000	0000	0000	0000

CHARACTERISTIC. H POF.

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAUB LOCAL STANDARD TIME	805	905	1005	1105	1205	1305	1405	1505
DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
MEDIAN								
S.D. MED								
L. QUART								
U. QUART								
RANGE								

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	F	5.79F	C	C	C	C	C	C
5	-	-	-	C	C	C	C	C
6	-	-	-	C	C	C	C	C
7	-	-	-	C	C	C	C	C
8	-	-	-	C	C	C	C	C
9	-	-	-	C	C	C	C	C
10	-	-	-	C	C	C	C	C
11	-	-	-	C	C	C	C	C
12	-	-	-	C	C	C	C	C
13	-	-	-	C	C	C	C	C
14	-	-	-	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	-	-	-	C	C	C	C	C
21	-	-	-	C	C	C	C	C
22	-	-	-	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	6.99F	C	C	C	C	C	C	C
25	6.54F	C	C	C	C	C	C	C
26	6.60F	C	C	C	C	C	C	C
27	6.60F	C	C	C	C	C	C	C
28	-	C	C	C	C	C	C	C
29	-	C	C	C	C	C	C	C
30	-	C	C	C	C	C	C	C
MEDIAN	5.57	...	5.85	...	...	...	...	7.00
S.D. MEJ	124	...	115	...	...	...	...	1.57
L QUART	...	...	...	...	...	...	...	6.60
U QUART	6.79	5.74	6.00	...	...	7.05	6.55	7.96
RANGE	3.50	5.70	7.15	...	...	7.64	6.54	1.56

CHARACTERISTIC. PGES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

STATION PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	7.55L	7.14L	7.55L	11.32L	11.08L	9.80L	16.00L	6.97L
5	C	8.10L	7.50L	9.80L	8.00L	7.85L	C	7.20L
6	6.10L	10.00L	8.20L	11.60L	7.98L	C	9.00L	9.00L
7	5.00L	7.00L	9.10L	8.80L	7.98L	C	C	7.70L
8	10.46L	6.70L	5.99L	8.60L	10.20L	7.50L	7.95L	7.70L
9	-	-	15.00L	8.20L	7.88L	10.96L	8.20L	6.50L
10	15.60L	8.40L	7.05L	11.80L	11.00L	7.15L	10.60L	C
11	5.90L	8.00L	9.40L	7.20L	6.60L	C	6.60L	6.60L
12	7.30L	6.50L	13.00L	10.00L	8.90L	C	11.80L	8.20L
13	7.50L	7.65L	16.80L	C	8.80L	7.50L	6.50L	-
14	6.50L	6.90L	7.50L	10.60L	8.00L	7.65L	7.50L	6.50L
15	10.96L	14.50L	16.80L	17.20L	19.12L	19.96L	16.40L	10.10L
16	7.60L	6.96L	7.30L	9.10L	11.20L	11.20L	10.40L	8.00L
17	6.50L	6.50L	7.80L	7.68L	9.88L	C	7.20L	-
18	6.20L	7.12L	7.50L	C	7.88L	7.70L	7.20L	7.50L
19	7.90L	9.92L	12.40L	18.80L	18.20L	16.80L	16.00L	11.10L
20	6.30L	C	7.80L	8.50L	8.00L	12.20L	16.16L	15.30L
21	6.30L	7.50L	C	8.90L	9.50L	16.30L	16.10L	15.60L
22	6.20L	7.50L	7.20L	7.50L	7.90L	C	C	C
23	6.98L	7.60L	7.86L	11.96L	11.20L	C	11.90L	11.00L
24	7.20L	10.60L	17.30L	19.96L	19.20L	18.40L	17.60L	16.00L
25	7.56L	10.60L	11.92L	14.60L	C	18.32L	18.60L	9.20L
26	9.30L	7.80L	C	14.60L	18.30L	15.96L	9.40L	7.65L
27	9.32L	14.00L	18.00L	19.96L	18.80L	C	17.20L	19.80L
28	7.30L	8.20L	12.00L	16.30L	12.40L	17.40L	17.30L	11.80L
29	C	C	C	C	11.96L	15.32L	11.00L	11.20L
30	7.00L	7.00L	11.40L	9.10L	13.50L	7.00L	6.50L	7.05L
MEDIAN	7.37	7.62	8.62	10.30	10.20	11.10	10.80	8.20
S.D. MED	2.30	2.32	4.24	4.17	3.69	4.66	4.25	3.95
L. QUART	6.25	7.00	7.50	8.56	8.00	7.60	7.72	7.20
U. QUART	8.50	9.16	12.70	13.28	12.70	16.62	16.13	11.20
RANGE	2.65	2.16	5.20	4.70	4.70	9.02	8.41	4.00

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: PRACHAUB
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	-	-	9.40F	7.65F	9.40F	C	C	6.95F
4	11.02G	-	6.75F	6.50F	5.70F	-	-	-
5	6.78L	6.60L	7.50F	-	-	-	-	-
6	6.98L	-	-	-	-	-	-	-
7	7.08L	-	-	-	-	-	-	-
8	5.91L	C	C	8.10F	C	6.00F	-	-
9	7.17L	6.80L	15.10G	13.00G	8.10F	-	-	-
10	10.84G	7.06L	8.10F	6.30F	3.40F	-	-	-
11	6.59L	-	-	-	-	-	-	-
12	-	S	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	7.05L	6.70F	7.00F	-	-	-	-
15	11.20G	10.80G	7.00F	6.50F	5.90F	-	-	-
16	7.98L	-	-	7.10F	-	-	-	-
17	-	-	-	-	-	-	-	-
18	5.91L	-	-	-	-	-	6.00F	5.90F
19	9.31L	7.20L	C	C	-	-	-	-
20	7.05L	3.43L	8.90F	7.55F	7.05F	6.55F	6.64F	-
21	17.00G	7.96L	6.50F	6.97F	6.95F	5.34F	-	-
22	C	4.98L	-	-	-	-	C	-
23	6.95L	7.01L	4.65F	6.50F	6.98F	-	-	5.00F
24	11.50G	7.61L	-	5.90F	-	-	-	-
25	11.16G	7.61L	8.00F	-	-	-	6.60F	7.00F
26	9.40L	7.75L	N	-	-	-	-	6.80F
27	11.21L	7.61L	6.65F	6.73F	6.20F	7.00F	5.60F	-
28	11.00G	9.00L	7.80F	6.00F	6.50F	6.00F	-	-
29	11.10G	11.00G	5.98F	7.96F	5.55F	F	-	-
30	15.00G	17.22G	15.72G	5.92F	6.00F	5.62F	-	-
MEDIAN	9.35	7.60	7.50	6.85	6.45	6.00	6.50	6.60
S.D. MED	2.89	2.71	3.09	1.75	1.09	.49	.44	.71
L QUART	6.98	7.02	6.70	6.50	5.95	5.24	5.80	5.30
U QUART	11.16	8.20	8.50	7.55	7.61	6.55	6.62	7.37
RANGE	4.18	1.18	2.20	1.05	1.06	.61	.32	1.47

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100
MEDIAN	100	100	100	100	100	100	100	100
S.D. MED	2.89	1.75	3.25	1.75	1.75	3.25	2.70	2.00
L QUART	100	100	100	100	100	100	100	100
U QUART	100	100	100	100	100	100	100	100
RANGE	5	5	8	5	5	5	5	5

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	105	105	105	102	99	100	102	103
5	102	100	100	100	100	100	100	100
6	102	100	100	100	100	100	100	100
7	100	102	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100
9	101	101	100	100	100	100	100	100
10	101	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100
17	101	100	100	100	100	100	100	100
18	101	100	100	100	100	100	100	100
19	99	102	100	100	100	100	100	102
20	102	100	100	100	100	100	100	100
21	103	101	100	100	100	90	90	100
22	102	100	100	100	100	C	C	C
23	101	100	100	100	95	C	09	05
24	104	100	97	95	95	100	100	90
25	105	100	100	95	C	90	95	100
26	100	104	100	100	100	90	95	95
27	97	95	95	94	90	C	95	95
28	97	90	95	93	95	90	90	90
29	C	C	C	C	100	100	100	100
30	102	100	100	100	100	100	100	100
MEDIAN	101	100	100	100	100	100	100	100
S.D. MED	1.97	2.61	1.77	2.63	2.07	1.30	2.92	3.99
L. QUART	100	100	100	100	99	100	100	90
U. QUART	102	101	100	100	100	100	100	101
RANGE	2	1	0	1	1	1	2	2

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1 C	C	C	C	C	C	C	C
2 C	C	C	C	C	C	C	C
3 -	-	-	-	-	-	-	-
4 100	101	101	101	101	101	101	106
5 98	99	99	99	100	100	100	106
6 100	101	101	101	100	100	100	106
7 100	101	101	101	100	100	100	106
8 102	101	101	101	100	100	100	106
9 103	100	100	100	106	107	107	106
10 102	100	100	100	102	107	107	106
11 -	100	100	100	102	107	107	106
12 -	100	100	100	102	107	107	106
13 -	100	100	100	102	107	107	106
14 -	100	100	100	102	107	107	106
15 99	100	100	100	102	107	107	106
16 100	100	100	100	102	107	107	106
17 -	100	100	100	102	107	107	106
18 100	100	100	100	102	107	107	106
19 101	100	100	100	102	107	107	106
20 102	100	100	100	102	107	107	106
21 97	100	100	100	102	107	107	106
22 C	106	106	106	102	107	107	106
23 94	107	107	107	102	107	107	106
24 100	104	104	104	102	107	107	106
25 101	104	104	104	102	107	107	106
26 100	95	95	95	106	105	105	105
27 95	95	95	95	106	105	105	105
28 95	95	95	95	106	105	105	105
29 97	98	98	98	106	105	105	105
30 100	98	98	98	106	105	105	105
MEDIAN 100	100	100	100	100	100	100	104
S.D. MED 2.46	3.50	2.70	2.70	3.01	2.24	1.00	6.59
U QUARTY 98	102	101	101	101	100	100	105
L QUARTY 101	102	101	101	101	100	100	105
RANGE 3	4	2	2	1	1	2	10

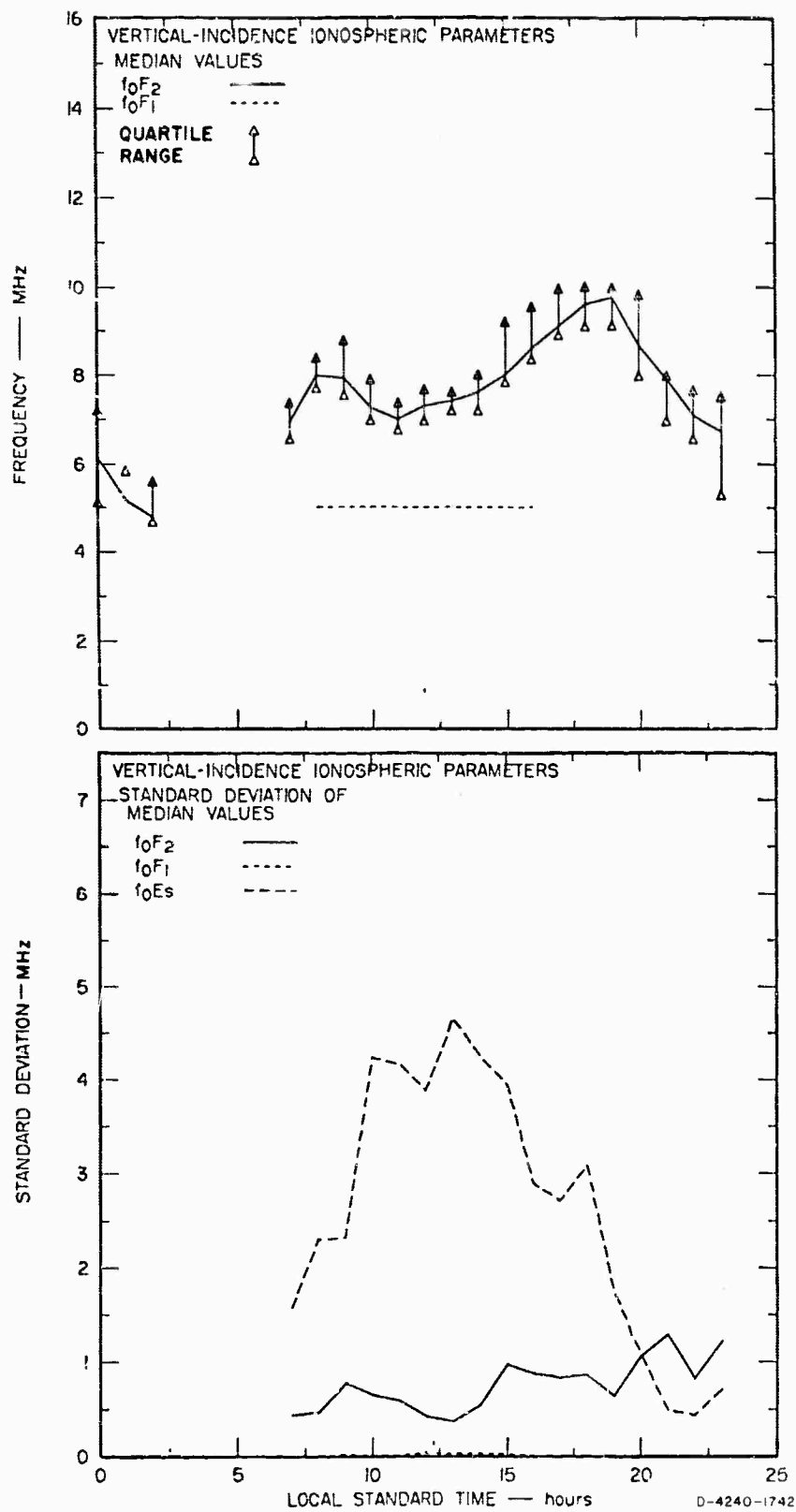


FIG. II CRITICAL FREQUENCY SUMMARY, PRACHUAB, JUNE, 1966

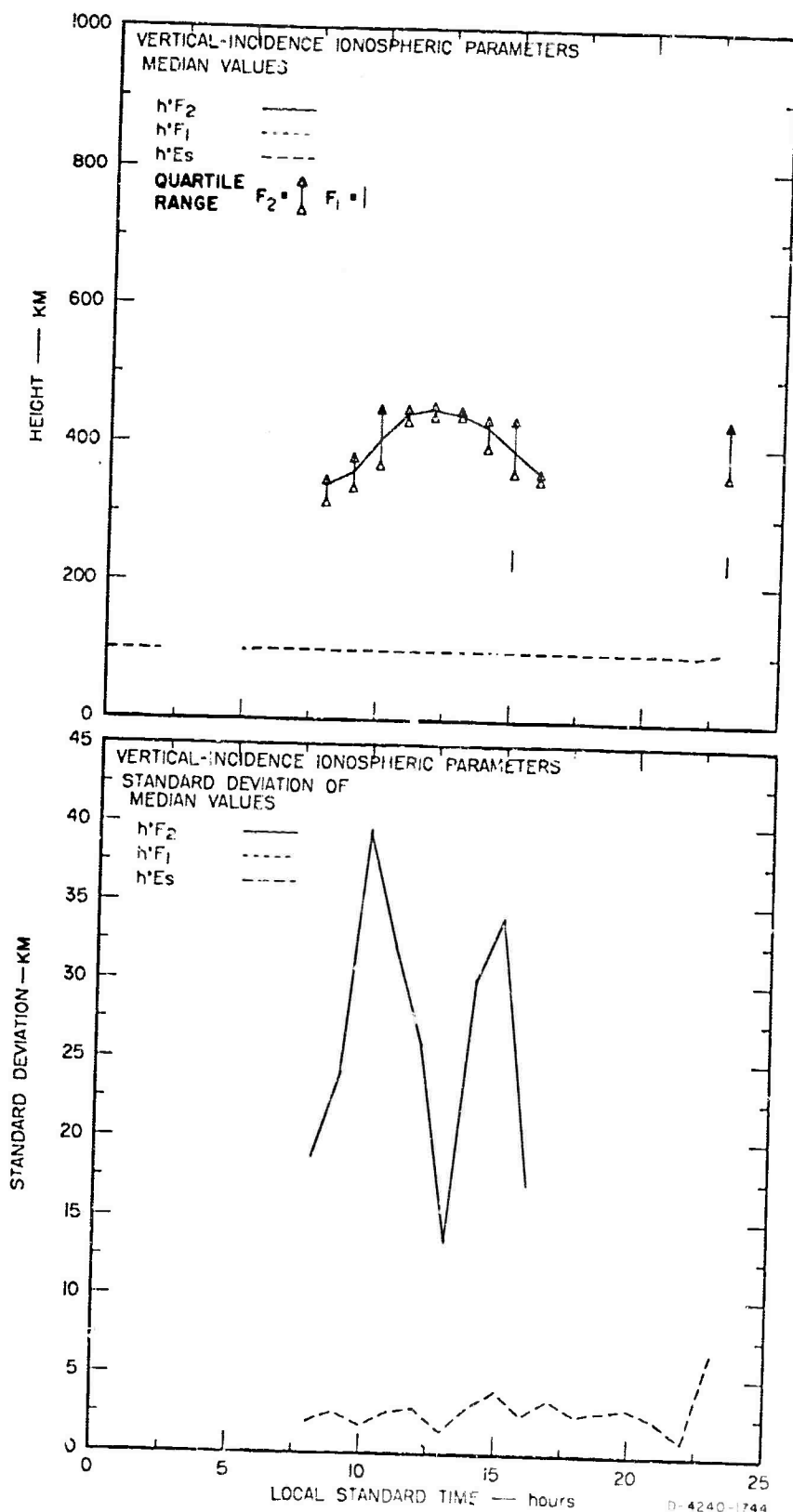


FIG. 12 VIRTUAL HEIGHT SUMMARY, PRACHAUB, JUNE, 1966

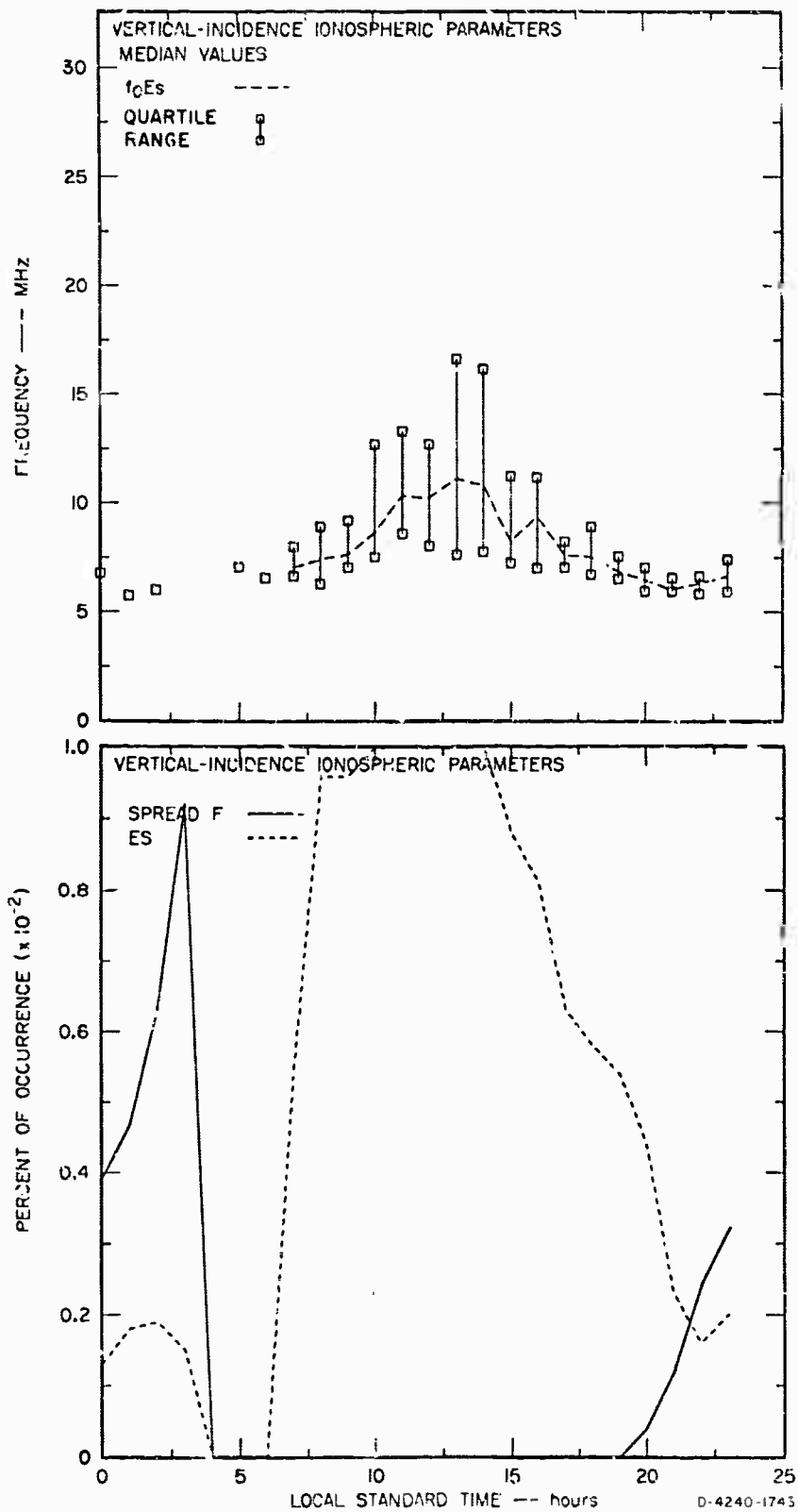


FIG. 13 SPORADIC E AND SPREAD F SUMMARY, PRACHAUB, JUNE, 1966

CHARACTERISTIC. FOR2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	7.36R	6.99	6.05	4.96	C	C	C	7.34
2	7.00	5.90	C	C	C	C	C	6.68R
3	7.55R	6.06	5.29	C	C	C	C	6.62
4	7.60	6.20R	C	C	C	C	C	6.98R
5	6.49	5.84	C	C	C	C	C	7.00
6	C	C	C	C	C	C	C	F
7	C	4.96	C	C	C	C	C	6.22
8	5.94	C	C	C	C	C	C	C
9	6.00	5.94	C	C	C	C	C	7.50R
10	7.55R	6.90R	C	C	C	C	C	6.99
11	F	F	C	C	C	C	C	8.20R
12	5.20	F	C	C	C	C	C	7.00
13	6.60	6.00	4.60	C	C	C	C	6.64
14	6.50R	5.20	C	C	C	C	C	7.45R
15	5.95	4.60	C	C	C	C	C	C
16	5.10	5.20	C	C	C	C	C	6.20
17	6.00	6.00	C	C	C	C	C	6.55
18	6.50R	5.20	C	C	C	C	C	5.60
19	5.95	4.60	C	C	C	C	C	6.24
20	5.10	5.20	C	C	C	C	C	5.80
21	6.00	6.70	C	C	C	C	C	6.55
22	8.40	6.70	C	C	C	C	C	6.30R
23	5.50	6.70	C	C	C	C	C	6.80
24	7.95R	6.70	C	C	C	C	C	7.50R
25	7.58R	6.10R	5.10	4.98	C	C	C	6.44
26	C	6.60R	C	C	C	C	C	7.70R
27	7.70R	6.50R	5.30	C	C	C	C	7.55R
28	6.70	6.00	C	C	C	C	C	6.70
29	6.70	6.00	C	C	C	C	C	7.64R
30	6.70	6.00	C	C	C	C	C	C
31	6.70	6.00	C	C	C	C	C	7.60
MEDIAN	6.70	6.00	C	C	C	C	C	6.80
S.D. MED	0.95	0.71	C	C	C	C	C	0.62
U QUART	5.92	5.00	C	C	C	C	C	6.55
L QUART	7.56	6.60	5.24	C	C	C	C	7.50
RANGE	1.64	1.60	5.20	C	C	C	C	0.95
BLANK	1.00	1.70	8.00	6.00	5.00	20.00	0	0
ES	0.44	0.01	0.20	0.45	0.00	0	0	0.50
SPRO F	0.32	0.52	0.71	0.80	0	0	0	0.04

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	8.96	8.60R	8.00R	-	-	-	-	8.00
2	7.20	7.05	7.20	-	-	-	7.95	7.10
3	7.60R	-	6.50	-	6.65	7.00	-	8.50
4	8.00	8.40	6.65	7.05	6.80	7.00	7.30	-
5	7.99	8.34R	6.60	6.40	6.90	6.99	7.00	8.00
6	7.95	7.00	6.65	6.55	7.06	7.00	6.40	7.40R
7	-	9.00	8.00	6.55	6.50	7.30	7.07R	6.70
8	7.48R	8.10	8.10R	7.20	7.30	7.90	6.60	7.95
9	8.40	7.86R	8.20	7.80	7.20	6.60	7.06	7.50
10	7.60	8.40	9.20	7.50	7.60	7.50	7.85	7.65
11	7.60R	8.24	9.90R	7.50	6.50	6.50	-	8.76R
12	8.51R	8.56R	7.00	6.55	6.50	6.90	6.50	-
13	8.56R	-	7.20	7.20	6.60	7.00	6.50	6.90
14	8.80R	7.90	7.20	7.50R	7.80R	7.00	7.10	7.10
15	8.24R	8.00	7.20	7.00	7.04	7.50	7.90	8.60
16	8.08R	7.10	6.65	6.55	-	-	7.80	8.00
17	7.96	9.10R	7.00	-	7.20	7.05	-	-
18	6.95	6.90	6.90	-	7.74	-	7.35	6.44
19	7.83R	7.98R	6.30	6.90	6.95	6.97	-	-
20	6.85	6.60	6.20	6.20	5.22	6.26	-	7.15
21	7.99R	7.00	6.20	6.70	-	7.00	7.80	8.00
22	7.10	7.25	6.20	6.90	6.60	6.80	7.26	7.92
23	7.70	8.30	7.10	9.10	8.10	8.36	8.95	9.00
24	9.00R	8.40	-	-	-	-	-	-
25	8.40R	8.70R	7.90	7.15	7.10	7.05	6.90	7.95
26	9.00	-	-	-	-	-	8.10	7.80
27	9.00R	9.96R	9.06	8.12	8.00	8.00	7.60	8.10
28	8.00R	8.10R	7.20	7.26	7.50	8.24	8.60	9.20
29	9.20	10.10R	10.30R	9.20R	7.94	8.00	8.96	8.90
30	-	-	-	-	-	-	-	-
31	9.96R	10.28R	8.10	7.20	7.20	6.26	8.90	8.92R
MEDIAN	8.00	9.10	7.20	7.05	7.10	7.05	7.20	7.97
S.D. MED	7.74	7.95	1.17	7.76	7.52	6.66	7.01	7.66
1. QUART	7.60	7.25	6.65	6.55	6.60	6.90	7.00	7.40
2. QUART	8.00	8.60	8.00	7.50	7.60	7.99	7.95	8.44
RANGE	1.20	1.35	1.35	1.35	1.92	1.01	1.04	1.04
BLANK	0	0	0	0	0	0	0	0
ES	0	0	0	0	0	0	0	0
SPAD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	1505	1705	1805	1905	2005	2105	2205	2305
1	8.96R	9.00	9.18	10.00R	10.04R	8.80	7.10	6.00
2	C	8.80K	10.04R	10.12K	9.90R	9.60R	7.60	7.20R
3	-	9.76R	9.12R	9.70R	8.90	8.40	6.90K	6.60
4	-	-	9.00R	10.00R	9.00	7.00	5.50	5.50
5	8.68	9.96	9.00R	11.20	8.20	6.00	5.50	5.50
6	7.55R	6.50	8.60	11.20	8.40	6.00	5.80	5.80
7	7.00	7.60R	C	C	C	C	C	C
8	8.50R	9.00	10.50	10.00R	7.60	7.00	6.60R	6.60R
9	8.90	9.08	9.20	10.00R	8.20	5.60	C	C
10	9.60	9.30R	9.20R	11.50	7.50	8.40	6.60K	6.60K
11	9.56R	10.20	11.00R	11.10	9.16	7.90	6.90	5.40
12	8.90	9.80R	9.20	10.40	9.20	8.20	7.10	5.40
13	7.11R	9.00R	9.00R	9.80R	7.90R	8.00R	6.45R	F
14	8.00	8.00	8.00	9.20R	7.82	7.60R	F	F
15	9.10	10.00R	10.00	10.30	8.80	7.60R	6.60R	6.00
16	9.10R	9.00R	9.30	9.90R	8.80	8.00	C	C
17	-	-	-	9.1	9.00	9.00	8.12	7.00
18	9.80	9.40R	9.30R	8.60	7.55	6.90	6.60	6.50R
19	7.60	8.80	9.52R	10.00R	9.20R	7.50R	6.40	6.50R
20	7.80	8.10R	9.20R	8.80	8.40	8.00	6.40	6.50
21	8.16R	8.60	9.24	9.32R	8.96	9.30	7.90R	5.18
22	8.40	8.96	10.00K	9.92R	8.40R	7.90R	6.30	5.18
23	8.96R	8.20	8.60	8.80R	9.12	9.60R	7.05R	7.10R
24	-	-	9.80R	10.20R	9.40R	7.98R	7.70R	7.20R
25	7.00	7.03	8.20R	8.60R	7.60	7.80R	8.96	11.90R
26	-	-	9.20R	9.32R	8.26R	7.85	6.90	5.60
27	9.20	9.96	10.50R	9.80R	8.30	7.05	6.65	6.60
28	9.80R	9.90R	9.12R	9.80R	9.30R	8.16R	7.50R	7.50R
29	9.00	10.00R	10.00	10.10R	C	C	C	C
30	C	C	C	C	C	C	C	C
31	9.50R	10.10	10.42	11.12	10.70R	9.50R	8.90R	8.20
MEDIAN	8.89	9.14	9.30	9.90	8.60	7.99	6.98	6.50
S.D. MED	0.89	0.34	0.84	0.79	0.16	1.05	0.92	1.37
L. QUART	7.90	8.20	9.08	9.00	8.80	7.55	6.95	6.03
U. QUART	9.09	9.90	10.04	10.11	9.18	8.40	7.69	7.15
RANGE	1.19	1.70	0.96	1.11	0.38	0.85	1.14	1.12
STDEV	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
ES	0.76	0.67	0.43	0.41	0.34	0.14	0.11	0.11
SPRD F	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30

CHARACTERISTIC. M FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHIN
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---
MEDIAN	5	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRAGMAD
LOCAL STANDARD TIME

DAY /HR	805	945	1005	1105	1205	1305	1405	1505
1	320	320	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	320	320	-	-	-	-	-	426
4	-	-	380	440	480	-	-	-
5	310	380	442	-	460	440	440	380
6	330	-	456	456	440	440	440	432
7	-	350	415	434	442	435	446	445
8	380	380	364	452	427	385	435	435
9	-	-	-	-	440	-	435	380
10	330	330	374	450	465	450	456	400
11	310	363	356	433	446	440	452	400
12	-	-	408	445	440	-	-	-
13	360	-	400	448	478	448	460	468
14	-	400	427	440	470	450	440	452
15	-	400	450	450	445	400	400	360
16	-	380	350	-	450	450	450	400
17	-	-	-	-	-	450	-	-
18	-	-	-	-	446	-	-	404
19	360	389	420	444	458	450	-	-
20	-	350	463	450	-	450	412	-
21	-	350	447	460	-	460	430	-
22	-	350	440	450	462	460	430	-
23	-	350	400	400	440	-	390	400
24	-	350	-	-	-	-	-	-
25	-	360	410	452	-	450	445	430
26	-	-	-	-	-	-	-	-
27	-	350	400	428	412	440	440	400
28	-	370	430	440	-	440	440	400
29	-	350	-	380	355	450	-	385
30	-	350	-	450	-	-	-	-
31	320	360	382	450	454	440	400	385
MEDIAN	320	360	410	446	445	444	440	408
S.E. QUANT	22.08	22.43	34.79	19.59	25.11	19.04	10.31	27.80
L QUANT	310	350	380	437	440	440	430	394
U QUANT	345	390	440	450	456	450	445	433
RANGE	35	30	60	13	16	10	7	39

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUL 7, 1966

SITE: PRACHAU LOCAL STANDARD TIME		1705	1805	1905	2005	2105	2205	2305	
DAY /HR	1605								
1	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	
5	350	-	-	-	-	-	-	-	
6	440	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	
8	360	-	-	-	-	-	-	-	
9	-	325	-	-	-	-	-	-	
10	370	-	-	-	-	-	-	-	
11	350	340	-	-	-	-	-	-	
12	380	-	-	-	-	-	-	-	
13	400	-	-	-	-	-	-	-	
14	338	-	-	-	-	-	-	-	
15	356	-	-	-	-	-	-	-	
16	350	-	-	-	-	-	-	-	
17	-	-	-	-	-	-	-	-	
18	320	-	-	-	-	-	-	-	
19	-	-	-	-	-	-	-	-	
20	400	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	
23	300	-	-	-	-	-	-	-	
24	-	-	-	-	-	-	-	-	
25	400	-	-	-	-	-	-	-	
26	-	-	-	-	-	-	-	-	
27	350	-	-	-	-	-	-	-	
28	380	-	-	-	-	-	-	-	
29	360	-	-	-	-	-	-	-	
30	-	-	-	-	-	-	-	-	
31	340	-	-	-	-	-	-	-	
MEDIAN 364		..	..	..	..	..	..	..
S.D. MED 27.76		..	..	..	..	..	..	..
L. QUART 350		..	..	..	..	..	..	..
U. QUART 380		..	..	..	..	..	..	..
RANGE 30		..	..	..	..	..	..	..

CHARACTERISTIC. F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705	
1	---	---	---	---	---	---	---	---	
2	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	
17	---	---	---	---	---	---	---	---	
18	---	---	---	---	---	---	---	---	
19	---	---	---	---	---	---	---	---	
20	---	---	---	---	---	---	---	---	
21	---	---	---	---	---	---	---	---	
22	---	---	---	---	---	---	---	---	
23	---	---	---	---	---	---	---	---	
24	---	---	---	---	---	---	---	---	
25	---	---	---	---	---	---	---	---	
26	---	---	---	---	---	---	---	---	
27	---	---	---	---	---	---	---	---	
28	---	---	---	---	---	---	---	---	
29	---	---	---	---	---	---	---	---	
30	---	---	---	---	---	---	---	---	
31	---	---	---	---	---	---	---	---	
MEDIAN	0	0	0	0	0	0	0	0	
S.D. MED	0	0	0	0	0	0	0	0	
L. QUART	0	0	0	0	0	0	0	0	
U. QUART	0	0	0	0	0	0	0	0	
RANGE	0	0	0	0	0	0	0	0	

CHARACTERISTIC. FOF:

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

STN. PRACHAU
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1303	1405	1505
1	5.02	5.00	-	-	-	-	-	-
2	-	-	-	-	-	-	-	5.00
3	-	-	-	-	-	-	-	5.02
4	5.01	5.00	5.05	5.03	5.05	5.00	5.05	5.02
5	5.03	5.00	5.05	5.05	5.05	5.00	5.05	5.02
6	5.03	5.00	5.05	5.05	5.05	5.00	5.05	5.02
7	-	5.06	5.05	5.06	-	5.01	5.05	5.01
8	-	-	-	-	-	5.04	5.05	5.02
9	-	5.02	5.05	5.00	5.03	5.02	5.05	5.00
10	-	5.05	5.05	5.01	5.05	5.03	5.05	-
11	-	5.05	5.05	5.06	5.05	5.03	5.05	5.00
12	-	5.04	5.05	5.02	5.05	5.00	5.05	5.02
13	5.02	-	5.02	5.05	-	-	-	5.04
14	-	5.02	5.05	5.05	-	-	-	-
15	-	5.02	5.05	5.05	-	-	-	-
16	-	5.00	5.05	-	-	-	-	-
17	-	5.05	5.05	-	-	-	-	-
18	-	5.02	5.05	5.05	5.02	-	-	-
19	5.02	5.02	5.05	5.05	5.05	-	5.06	-
20	-	5.01	5.05	5.05	5.05	5.05	5.06	-
21	-	5.01	5.05	5.05	5.05	5.05	5.06	-
22	-	5.02	5.05	5.05	5.05	5.05	5.06	5.00
23	-	5.02	5.05	5.05	5.05	5.05	5.06	5.02
24	-	5.02	5.05	5.05	5.05	5.05	5.06	5.02
25	-	5.02	5.05	5.05	5.05	5.05	5.06	5.02
26	-	5.02	5.05	5.05	5.05	5.05	5.06	5.02
27	-	5.02	5.05	5.05	5.05	5.05	5.06	5.02
28	-	5.02	5.05	5.05	5.05	5.05	5.06	5.02
29	-	5.02	5.05	5.05	5.05	5.05	5.06	5.02
30	-	5.02	5.05	5.05	5.05	5.05	5.06	5.02
31	5.02	5.05	5.05	5.05	5.05	5.05	5.06	5.02
MEDIAN	5.02	5.02	5.02	5.03	5.02	5.02	5.03	5.02
S.D. MED	.01	.04	.02	.02	.02	.03	.02	.02
L. QUART	5.02	5.01	5.01	5.01	5.01	5.01	5.01	5.01
U. QUART	5.02	5.05	5.05	5.05	5.05	5.05	5.05	5.05
RANGE	0	.04	.05	.05	.05	.04	.01	.03

CHARACTERISTIC. F3F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1 -	-	-	-	-	-	-	-
2 -	-	-	-	-	-	-	-
3 -	-	-	-	-	-	-	-
4 -	-	-	-	-	-	-	-
5 5.00	-	-	-	-	-	-	-
6 5.05	-	-	-	-	-	-	-
7 -	-	-	-	-	-	-	-
8 -	-	-	-	-	-	-	-
9 -	-	-	-	-	-	-	-
10 5.02	-	-	-	-	-	-	-
11 5.04	-	-	-	-	-	-	-
12 5.03	-	-	-	-	-	-	-
13 5.02	-	-	-	-	-	-	-
14 5.05	-	-	-	-	-	-	-
15 5.02	-	-	-	-	-	-	-
16 -	-	-	-	-	-	-	-
17 5.02	-	-	-	-	-	-	-
18 -	-	-	-	-	-	-	-
19 -	-	-	-	-	-	-	-
20 -	-	-	-	-	-	-	-
21 -	-	-	-	-	-	-	-
22 5.01	-	-	-	-	-	-	-
23 -	-	-	-	-	-	-	-
24 5.02	-	-	-	-	-	-	-
25 -	-	-	-	-	-	-	-
26 5.00	-	-	-	-	-	-	-
27 5.02	-	-	-	-	-	-	-
28 -	-	-	-	-	-	-	-
29 5.02	-	-	-	-	-	-	-
30 -	-	-	-	-	-	-	-
31 5.03	-	-	-	-	-	-	-
MEDIAN 5.02	0	0	0	0	0	0	0
S.D. MED 5.01	0	0	0	0	0	0	0
L. QUART 5.02	0	0	0	0	0	0	0
U. QUART 5.05	0	0	0	0	0	0	0
RANGE .01	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	250	234	260	250	250
S.D. MED	0	0	0	29.44	17.05	17.52	17.52	17.52
L. QUART	0	0	0	220	220	220	220	220
U. QUART	0	0	0	280	260	260	260	260
RANGE	0	0	0	60	40	40	40	40

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RAISE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	-	-	-	-	5.70L
2	-	-	-	-	-	-	-	6.05L
3	-	-	-	-	-	-	-	5.70L
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	7.00L
11	-	-	-	-	-	-	-	6.65L
12	-	-	-	-	-	-	-	6.00L
13	-	-	-	-	-	-	-	5.10L
14	-	-	-	-	-	-	-	6.55L
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	8.00L
25	-	-	-	-	-	-	-	6.10L
26	-	-	-	-	-	-	-	5.90L
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	6.00L
29	-	-	-	-	-	-	-	8.00L
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	6.00	5.70	...	6.57
S.D. MED92	1.33	...	5.85
L QUART	6.95	7.05	...	5.98
U QUART	6.91	7.05	...	6.95
Page	5.96	6.21	6.91	7.05	.03	1.05

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE: PRACHA 7
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	7.30L	10.400	13.000	17.920	16.560	17.280	18.000	12.000
2	7.10L	6.98L	13.000	19.680	15.900	C	9.900	16.200
3	6.98L	9.10L	13.000	16.000	19.960	19.960	15.200	8.800
4	6.58L	7.50L	9.200	11.800	11.500	18.000	17.200	19.700
5	7.20L	7.40L	7.20L	8.10L	10.600	8.600	9.400	7.00L
6	7.00L	7.00L	7.30L	7.10L	10.900	12.600	11.860	10.600
7	C	11.200	11.060	17.800	14.600	14.800	12.000	11.200
8	7.00L	7.00L	9.40L	9.60L	9.80L	11.800	9.840	5.85L
9	5.93L	-	7.90L	10.000	17.640	17.300	7.90L	7.90L
10	6.99L	10.100	7.50L	11.280	11.720	13.500	13.500	7.10L
11	-	6.97L	7.50L	11.600	11.400	10.960	7.98L	8.80L
12	7.10L	10.320	11.400	10.000	10.800	17.200	16.600	17.600
13	-	C	9.70L	9.96L	12.400	11.840	12.400	14.000
14	7.65L	7.20L	9.20L	11.080	12.000	12.200	12.400	11.200
15	7.10L	7.05L	7.10L	7.55L	10.600	11.000	8.00L	6.10L
16	5.80L	7.85L	10.400	11.660	17.520	11.960	16.760	1.000
17	-	8.40L	10.800	15.960	16.500	C	18.260	3.990
18	7.95L	11.200	11.200	16.480	16.000	C	7.45L	7.45L
19	7.50L	8.20L	8.60L	12.400	10.900	15.920	15.900	18.000
20	6.05L	7.55L	11.700	11.300	11.000	15.000	17.200	16.000
21	6.46L	8.50L	5.30L	12.300	13.800	10.20L	10.800	7.66L
22	6.60L	7.90L	7.80L	11.200	12.400	15.200	11.200	11.960
23	6.20L	6.95L	C	11.800	10.000	10.480	11.000	11.960
24	8.12L	10.800	17.040	19.960	3.990	19.920	3.990	3.990
25	7.00L	10.100	10.600	11.400	-	11.200	11.400	11.600
26	7.00L	12.800	17.160	19.960	19.960	3.990	10.000	14.000
27	7.20L	7.54L	7.50L	10.920	10.000	11.600	8.50L	7.50L
28	7.50L	8.16L	11.200	11.400	19.960	13.000	11.920	16.000
29	9.40L	7.90L	8.16L	11.200	11.100	11.360	11.800	7.90L
30	L	C	L	C	C	C	C	C
31	7.50L	8.00L	11.320	11.200	11.460	11.200	11.800	8.90L
MEDIAN	7.10	7.95	9.70	11.70	11.50	12.00	11.90	10.00
S.D. MED	7.70	1.76	2.74	3.82	3.96	3.68	3.64	4.14
L QUART	6.55	7.15	7.90	11.20	10.70	11.10	9.87	7.50
U QUART	7.50	10.10	11.20	16.00	16.10	15.56	16.25	14.00
RANGE	.95	2.95	3.50	4.80	5.48	4.46	6.38	6.50

CHARACTERISTIC. FCS

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAU LOCAL STANDARD TIME								
DAY /HR	1935	1705	1805	1905	2005	2105	2205	2305
1	7.48L	7.90L	8.60F	6.00F	6.00F	-	-	-
2	16.68Q	-	7.78F	-	-	-	-	-
3	C	16.40Q	5.90F	-	-	-	-	-
4	19.96Q	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	8.80L	5.90L	-	-	-	-	-	-
7	16.00Q	16.30Q	C	C	C	C	C	C
8	4.86L	6.00L	8.80F	5.50F	-	7.00F	-	-
9	-	-	-	-	-	-	C	-
10	9.96L	-	-	-	-	-	C	-
11	6.68L	-	-	-	-	-	C	-
12	9.00Q	6.00L	-	9.10F	7.10F	5.90F	9.90F	-
13	13.00Q	6.70L	-	-	-	-	-	-
14	7.68L	-	-	-	-	-	-	-
15	-	7.00L	6.10F	7.05F	6.00F	5.70F	5.60F	6.00F
16	7.68L	5.90L	-	-	-	-	-	-
17	18.00Q	5.95Q	12.00Q	6.00F	5.60F	N	C	C
18	-	5.93L	-	-	-	-	-	-
19	15.96Q	7.85L	C	7.60F	6.00F	-	-	-
20	8.80L	6.61L	-	-	-	-	-	-
21	9.63L	9.83L	10.30F	8.00F	6.50F	-	-	-
22	7.95L	-	-	5.90F	6.00F	-	-	5.95F
23	8.20L	6.58L	-	-	-	-	-	-
24	3.90Q	13.50Q	8.92F	-	-	-	-	-
25	6.78L	11.00Q	6.45F	-	-	-	-	-
26	19.80Q	7.68Q	10.04Q	6.00F	5.60F	-	-	-
27	-	6.93L	11.20Q	6.00F	6.00F	-	-	-
28	14.60Q	11.80Q	11.10Q	5.90F	-	-	-	-
29	-	-	-	-	C	C	C	-
30	C	C	C	C	S	S	5.90F	8.10F
31	-	-	-	-	-	-	-	-
MEDIAN	9.90	6.95	8.86	6.00	6.00	5.80	5.90	6.00
S.D. MED	5.19	4.45	2.09	1.21	.42	.61	1.17	1.28
L QUART	7.60	6.25	6.52	5.95	6.00	5.70	5.60	5.95
U QUART	15.96	11.40	10.70	7.32	6.00	6.45	5.98	8.16
RANGE	8.36	5.15	4.18	1.57	0	.75	.50	2.21

CHARACTERISTIC. H ES

PARASPHERIC DATA
OPTICAL INCIDENCE

JULY, 1966

STATION. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	101	104	100	100	100	100
S.D. MED	2.50	3.34	2.52	2.40	2.00	2.00
L QUART	98	100	100	100	100	100
U QUART	103	107	105	101	100	102
RANGE	5	7	5	1	0	2

CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. PRACHAU
LOCAL STANDARD TIME

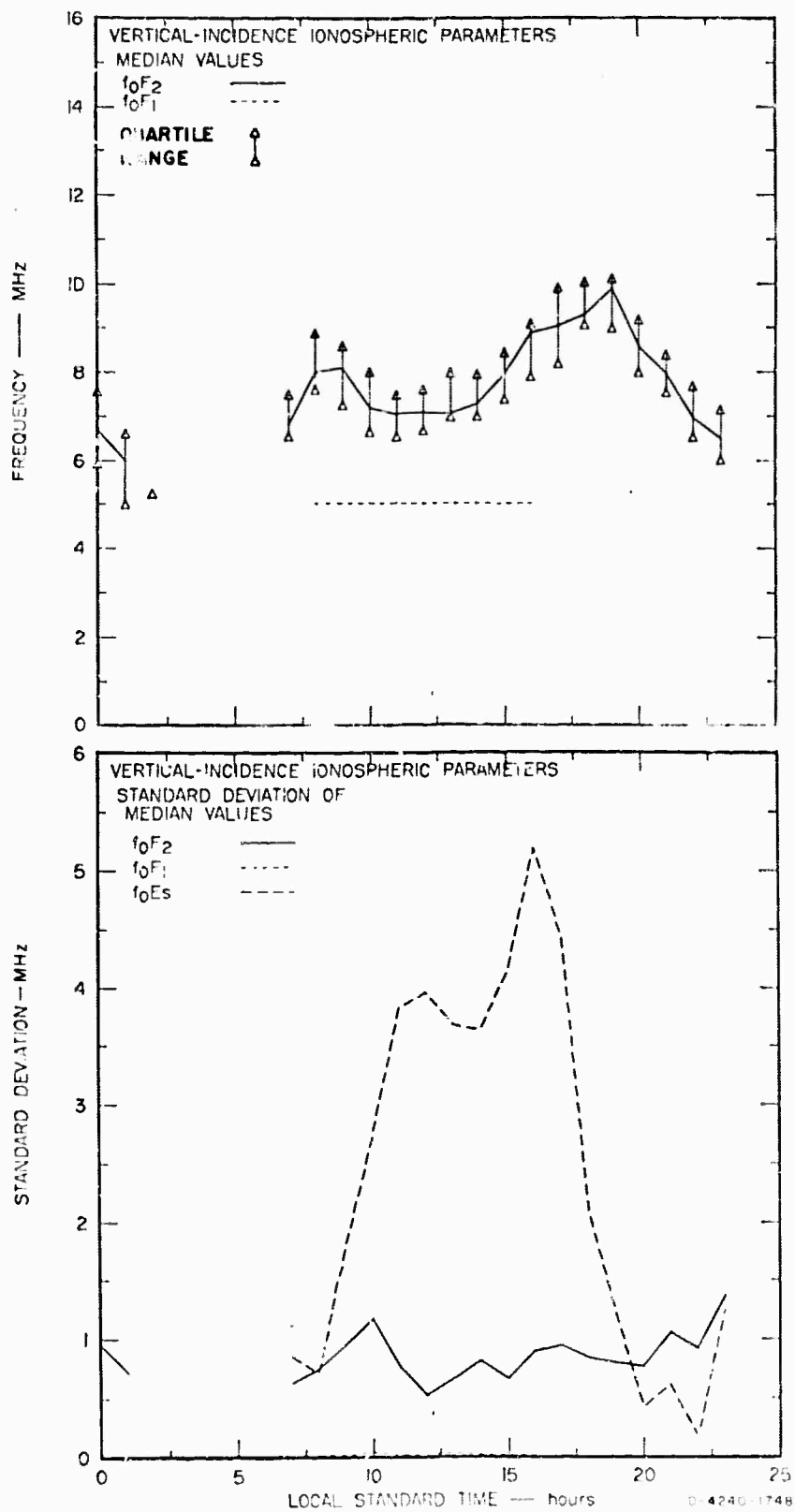
DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	100	90	100	97	100	100	99	90
2	99	101	101	101	99	100	99	90
3	98	100	100	100	100	100	100	90
4	101	100	100	97	100	100	98	90
5	100	101	100	100	100	100	100	100
6	103	90	100	100	100	100	100	100
7	100	100	100	95	100	100	99	90
8	100	100	100	100	100	100	100	101
9	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	97	100
11	100	100	100	99	100	100	100	100
12	100	100	100	96	100	100	99	100
13	100	100	100	90	100	100	90	100
14	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100
MEDIAN	100	100	100	99	99	100	100	100
3-D. MED	1.06	1.59	1.50	1.67	1.50	1.73	1.50	1.10
U. QUART	100	100	100	100	100	100	100	100
L. QUART	100	100	100	100	100	100	100	100
RANGE	0	0	0	2	2	2	2	2

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	98	-	101	-	-	-	-	-
2	96	99	98	100	100	-	-	-
3	-	-	105	-	-	-	-	-
4	95	97	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	101	100	-	106	-	106	-	-
7	100	100	-	-	-	-	-	-
8	118	111	105	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	100	-	-	-	-	-	-	-
11	100	-	-	-	-	-	-	-
12	100	101	-	90	94	93	110	-
13	100	97	-	-	-	-	-	-
14	100	100	-	-	100	100	-	-
15	-	100	102	94	90	100	102	102
16	100	100	-	95	100	-	-	-
17	100	100	100	-	100	-	-	-
18	-	102	-	100	100	-	-	-
19	100	100	-	-	-	-	-	-
20	100	100	-	100	100	100	-	-
21	100	100	100	95	100	-	-	-
22	100	100	-	112	110	-	-	100
23	100	100	100	-	-	-	-	-
24	100	100	100	-	-	-	-	-
25	98	98	105	-	-	-	-	-
26	100	100	100	100	100	-	-	-
27	-	100	98	100	100	-	-	-
28	100	98	100	100	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	100	100	100	100	100	100	100	100
S.D. MED	4.12	2.77	2.71	4.66	3.74	4.61	9.52	3.46
L. QUART	100	99	99	100	100	96	98	102
U. QUART	100	100	101	100	100	103	100	100
PAUSE	0	1	2	3	0	7	20	6



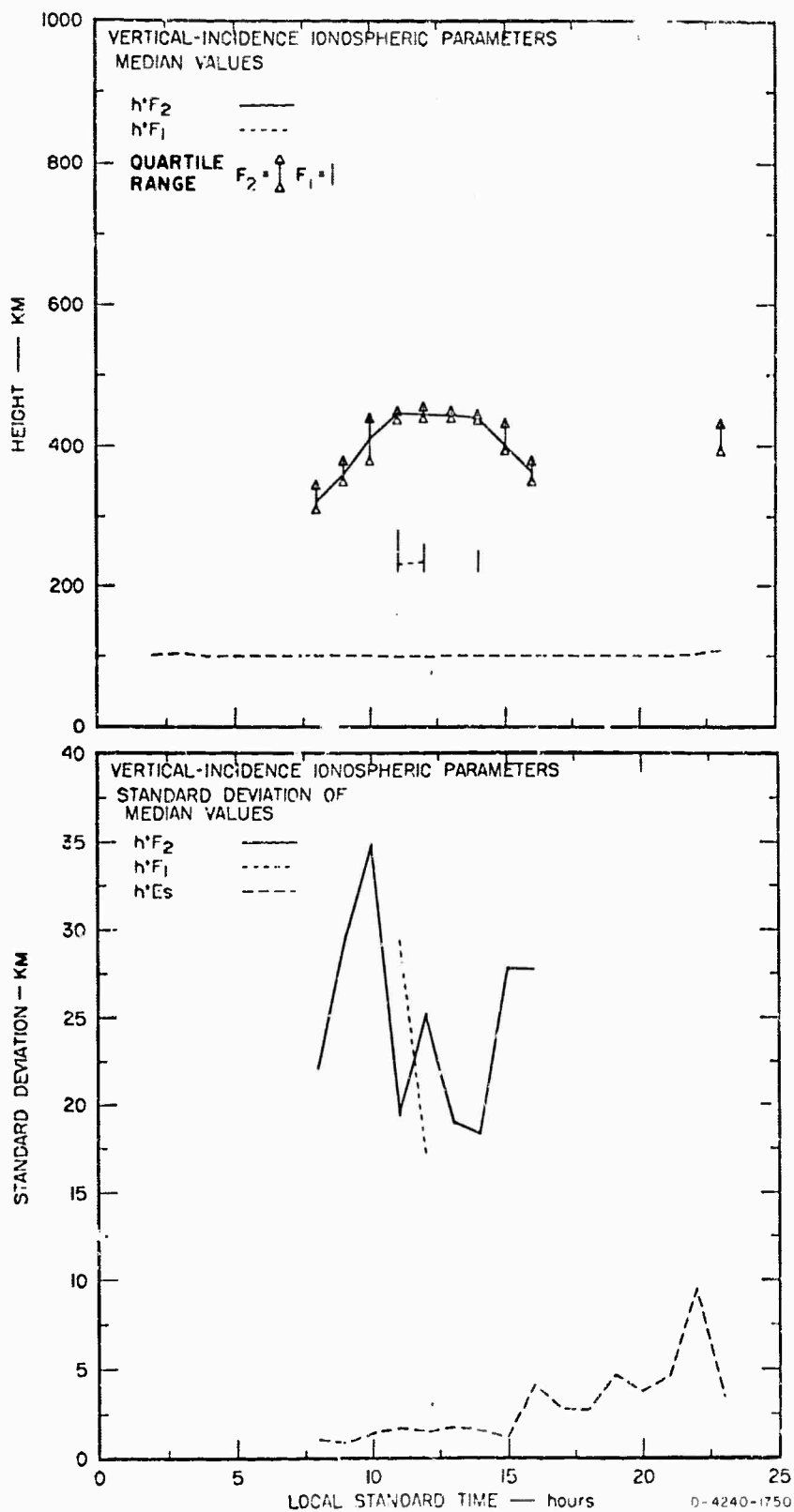


FIG. 15 VIRTUAL HEIGHT SUMMARY, PRACHAUB, JULY, 1966

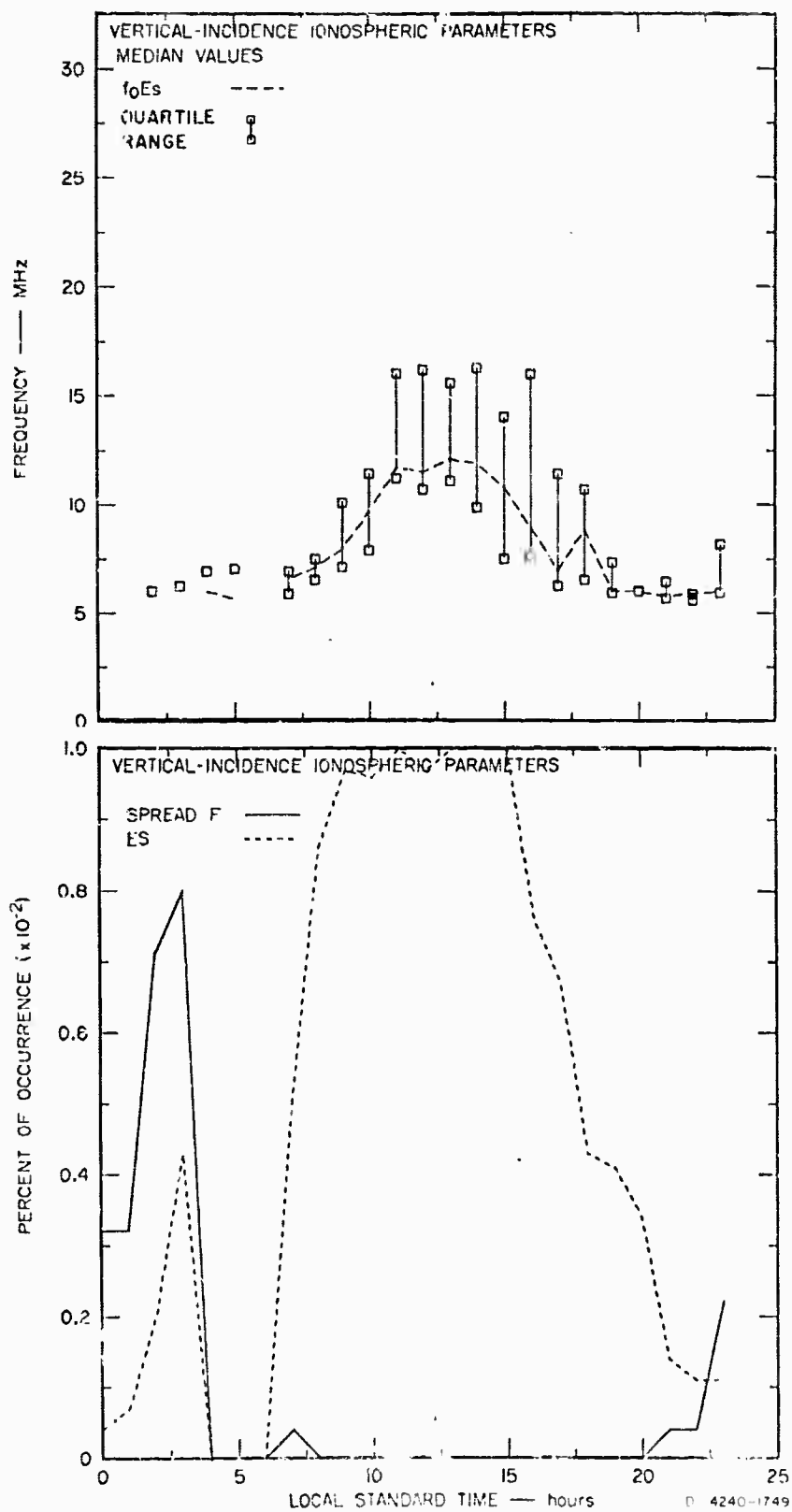


FIG. 16 SPORADIC E AND SPREAD F SUMMARY, PRACHAUB, JULY, 1966

CHARACTERISTIC: FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE: PRACHAU
LOCAL STANDARD TIME

DAY	HR	S	185	205	305	405	505	605	705
1		F	8.80	6.20R	C	C	C	C	7.00
2	11.56	F	6.50R	5.60R	C	-	-	C	7.45R
3		F	F	F	F	F	F	C	7.05R
4		F	F	F	F	C	C	C	7.1J

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	6.83R	8.80	7.10	9.96R	9.90R	9.80R	8.46	7.96R
2	8.90R	9.80	10.94R	7.00	6.66	9.90	9.90	5
3	8.00R	8.00R	7.22	7.98	7.55	7.40	7.40	-
4	8.40	9.00	8.48			C	8.20	8.90

CHARACTERISTIC. FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	7.70	7.54R	8.56R	9.24R	8.40	7.52	8.48R	8.94
2	10.12	11.10R	11.96R	11.28R	9.96R	7.52	8.48R	8.94
3	7.95	7.46R	9.40R	10.72R	9.20R	8.20F	8.70F	8.70F
4								

CHARACTERISTIC. H FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	-	-	C°	C	C	C:C	-
3	F	F	-	C°	F	F	C:C	-
4	F	F	F	F	C°	C	C:C	-

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. PRACHAUB LOCAL STANDARD TIME								
DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	350	400	-	-	-	-	410
2	-	-	364	300	-	370	400	5
3	-	-	440	-	-	-	-	-
4	-	350	400	412	400	5	430	500

CHARACTERISTIC. M F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	360	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	C	C	C	C	C	C	C	C

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	-	-	C	C	C	C	-
2	F	-	-	C	F	F	C	-
3	F	F	F	F	F	F	C	-
4	F	F	F	F	C	C	C	-

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	5.01	5.06	5.07	-	5.05	5.02	5.03
2	-	-	5.03	5.07	-	5.05	5.02	5.03
3	-	-	5.00	5.02	-	5.05	5.02	5.03
4	-	5.05	5.06	5.02	5.06	5.05	5.02	5.01

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	C	C	C	C	C	C	C	C

CHARACTERISTIC. H FOY

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	-	-	C	C	C	C	-
2	F	F	F	C	-	-	C	-
3	F	F	F	F	F	F	C	-
4	F	F	F	F	C	C	C	-

CHARACTERISTIC. H FOF1

LONGSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. PRACHAUB LOCAL STANDARD TIME									
DAY /HR	805	905	1005	1105	1205	1305	1405	1505	
1	-	-	-	-	-	-	-	-	
2	-	-	240	-	-	250	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	215	-	225	-	

CHARACTERISTIC. H F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	C	C	C	C	C	C	C	C

CHARACTERISTIC. FOLK

IONOSPHERIC DATA
VERTICAL INCIDENT

AUG., 1966

SITE. PRACHAUS
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1	F	-	-	C	C	C	C	-
2	-	-	-	C	7.60F	7.50F	C	-
3	F	F	F	F	F	F	C	5.90L
4	F	F	F	F	F	F	C	-

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	7.60L	7.70L	11.20Q	10.14Q	15.00Q	9.20Q	16.32Q	10.60Q
2	7.50L	8.40L	11.20Q	19.96Q	11.90Q	7.50L	5.80L	10.5
3	7.50L	12.90Q	11.96Q	16.00Q	15.96Q	17.64Q	15.00Q	16.40Q
4	6.56L	7.92L	11.50Q	11.00Q	11.00Q	C	8.50L	7.60L

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	9.00L	6.94L	-	-	-	-	-	-
2	5.90L	6.00L	6.49F	-	-	-	-	-
3	16.240	6.00L	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1	F	-	-	C ^o	C	C	C ^o	-
2	F	F	F	C ^o	102	104	C ^o	-
3	F	F	F	F	F	F	C ^o	100
4	F	F	F	F	C ^o	C	C ^o	-

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1960

SITE. PRACHAUB
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	100	100	97	100	100	100	98	100
2	100	98	100	97	98	95	105	100
3	101	100	100	100	95	100	100	100
4	100	100	100	100	100	100	100	100

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. PRACHAU
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	100	106	-	-	-	-	-	-
2	100	103	103	-	-	-	-	-
3	100	100	-	-	-	-	-	-
4	C	C	C	C	C	C	C	C

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IV IONOSPHERIC DATA

D. Nakon Sawan

Pages 162 through 182 present ionospheric data for the month of June 1966.

Pages 183 through 203 present ionospheric data for the month of July 1966.

Pages 204 through 224 present ionospheric data for the month of August 1966.

Pages 225 through 245 present ionospheric data for the month of September 1966.

Pages 246 through 266 present ionospheric data for the month of October 1966.

Pages 267 through 288 present ionospheric data for the month of November 1966.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE: NAZON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	7.00	6.00	5.05	C	C	C	5.09	7.05
5	5.00	4.50	F	C	C	C	5.50	5.05
6	7.10R	5.90	F	C	C	C	F	7.10
7	5.60	F	F	C	C	C	F	6.00
8	F	F	F	C	C	C	F	F
9	C	F	F	C	C	C	C	6.70
10	7.10R	5.50	C	C	C	C	C	6.50
11	7.05	5.50	C	C	C	C	C	6.50
12	7.00	5.50	C	C	C	C	C	6.50
13	5.50	4.55	C	C	C	C	C	5.90
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	7.00R
16	C	C	C	C	C	C	C	7.40
17	C	C	C	C	C	C	C	6.10
18	F	C	C	C	C	C	C	6.50R
19	F	C	C	C	C	C	C	6.50
20	C	C	C	C	C	C	C	C
21	5.54	C	C	C	C	C	C	6.24
22	F	C	C	C	C	C	C	9.60
23	F	C	C	C	C	C	C	7.40
24	9.30	C	C	C	C	C	5.40R	C
25	5.95	5.90	C	C	C	C	F	7.55
26	6.50	F	C	C	C	C	F	6.20
27	C	6.00	5.50	5.45	C	C	4.40	5.50
28								
29								
30								
MEDIAN	6.50	5.50	...	...	...	...	...	6.50
S.D. MED	1.01	.33	...	...	...	...	...	6.50
L QUART	5.70	...	...	...	...	...	...	6.00
U QUART	7.07	5.90	...	...	...	...	...	7.10
RAISE	1.37	...	...	...	...	...	...	...
BLAZE	1.00	...	...	...	...	...	...	...
ES	.10	...	...	...	...	...	...	...
SPRD F	.43	.53	5.00	4.00	5.00	5.00	4.00	1.00
		.25	.82	.33	.00	.00	.31	.50
		.02		.80	.00	.00	.45	.09

CHARACTERISTIC. POP2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	7.70	6.40	9.70R	7.10	7.00	7.30	10.00R	10.00R
6	8.00R	10.00R	10.00R	6.20	8.00R	8.00R	9.00R	9.40
7	7.20	7.90R	10.00R	7.50	7.00R	8.00	7.00R	9.00R
8	6.30	8.00R	10.00R	10.00R	7.00R	9.00R	8.00R	10.00R
9	8.00	10.40R	10.00R	10.00R	8.40	7.60	7.50R	10.00R
10	8.00R	7.50R	7.00R	9.20R	10.00R	8.00R	10.00R	10.10R
11	7.50R	7.80R	7.00R	9.20R	10.00R	8.00R	10.00R	7.20
12	7.05	7.70R	10.00R	9.00R	9.00R	8.00R	7.00R	8.20
13	8.20R	8.70R	10.00R	9.00R	9.00R	9.00R	8.20R	9.00R
14	7.60	8.20R	8.20R	7.60R	8.10R	9.00R	9.20	10.00
15	8.20	9.00R	7.60R	8.10R	8.10R	8.00R	9.00R	10.00
16	8.30	9.00	8.40	8.40	8.00	9.60R	9.00R	9.00
17	7.50	8.82	8.00	7.90R	8.00R	8.20	9.00R	10.40
18	7.00	C	C	8.40R	8.40R	8.00R	9.92	5
19	7.15	8.00	8.40R	8.36R	8.40R	7.60R	6.90R	7.00R
20	7.40	7.80R	7.00R	7.90	7.80	7.60R	8.10R	8.00
21	F	8.10R	7.55R	7.55	F	C	8.10R	8.10
22	7.64	C	C	7.65R	7.66R	7.60R	8.10R	8.30
23	6.95	7.05R	5	7.90R	7.90R	8.92	C	10.00
24	7.90R	7.90R	7.70R	C	C	9.00	9.10R	10.00
25	7.31	7.90R	8.36R	9.06	7.00R	9.00	8.00R	10.40R
26	8.10	8.64R	8.36R	7.86	7.00R	8.00R	8.40R	8.50
27	8.42	8.50	8.60	7.00	8.20	8.00R	7.50R	8.00R
28	8.42	7.76R	7.70R	7.00	7.30R	9.20	8.50R	C
29	7.80	C	8.92R	8.10R	7.30	C	C	C
30	7.60R	C	C	8.10R	7.95R	C	C	C
MEDIAN	7.64	8.00	8.36	7.90	8.00	8.50	8.40	9.00
S.D. MED	.42	.95	.79	.80	.61	.64	.86	.91
1 QUART	7.25	7.80	7.80	7.55	7.80	8.00	7.99	8.25
3 QUART	8.00	8.76	9.31	8.40	8.30	8.96	9.40	10.00
RANGE	.75	.96	1.21	.85	.50	.96	1.41	1.73
BLANK	0	0	0	0	0	0	0	0
ES	.77	.81	.81	.73	.54	.61	.58	.58
SPRD F	.64	.0	.0	.0	.05	.05	.0	.0

CHARACTERISTIC. F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKON SALON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	10.00	11.00	10.10	10.00	10.70	9.00	7.50R	7.00
5	10.00R	10.00R	10.00R	11.00R	10.10R	8.00	F	5.75
6	10.00	9.00R	9.00	9.00R	9.00R	9.00R	10.00R	8.00R
7	9.72	10.00	10.00	10.00	10.00	8.00	6.50	5.70
8	9.00	10.00R	10.00R	10.10R	9.00R	8.00R	F	F
9	8.20R	9.00	10.00R	9.00	9.00R	7.20	7.10R	5.00
10	8.60	9.00	11.00R	10.00R	9.00R	7.20	6.00	5.00
11	9.52R	12.10R	11.00R	9.00R	8.20	6.10	5.30	5.00
12	8.20R	8.40R	11.20R	10.10	7.00R	6.95	6.15	5.00
13	9.55R	10.20R	9.00	10.00	10.00R	6.95	5.95	5.95
14	10.00	9.20	9.30R	10.00	10.00	9.00	C	C
15	11.00R	10.35R	9.00R	10.00R	10.00	7.50R	C	C
16	C	11.20R	9.00R	9.20	8.00R	6.60	F	F
17	9.28	10.00	12.20	11.00	5.00	7.05R	F	F
18	11.10	10.00	12.00	9.00	5.00	7.05R	C	C
19	10.20	9.40	9.00	10.00R	7.60	10.30	7.90R	6.45
20	10.20	10.00R	8.00	9.10	10.50R	10.00R	7.30	6.40R
21	8.95	10.10R	9.00	10.00	C	7.70R	6.00	-
22	8.60	9.06	11.20	10.00	8.00R	5.50	4.71	4.00
23	9.00	9.35	10.00	9.20	9.00R	7.55R	5.90	7.60
24	9.10	9.40	9.10	9.20	9.20R	7.55	6.92R	F
25	10.00	9.90	9.36	9.10	F	F	9.20R	6.00
26	8.80	10.00	12.55R	10.60	7.55R	7.46R	5.48	6.46R
27	8.92	9.60	10.00	10.60R	9.00R	3.40	7.00	6.46R
28	9.00	9.20	10.00R	10.00	10.10	9.00	5.25R	C
29	C	10.00R	10.76R	10.00R	8.00R	8.00R	6.98R	F
30	C	10.00R	10.00R	10.40	10.40	9.00R	7.97R	7.60
MEDIAN	7.52	10.00	10.00	10.00	9.20	7.97	6.00	6.20
S.D. MED	1.78	1.05	1.05	1.05	1.13	1.13	1.36	1.05
L QUART	8.94	9.40	9.60	9.50	8.95	7.12	5.92	5.00
U QUART	10.00	10.10	11.00	10.70	10.00	9.00	7.40	7.00
RANGE	1.06	.70	1.40	1.20	1.15	1.88	1.48	1.20
BLANK	0	0	0	.56	0	.30	0	0
ES	.72	.67	.59	.56	.42	.30	.16	.27
SPRD F	0	0	0	0	.02	.04	.16	.27

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
2	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
3	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
4	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
5	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
6	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
7	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
8	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
9	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
10	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
11	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
12	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
13	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
14	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
15	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
16	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
17	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
18	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
19	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
20	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
21	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
22	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
23	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
24	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
25	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
26	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
27	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
28	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
29	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
30	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
31	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU	UUUUU
PL. TAN								
S.D. MED								
L QUART								
U QUART								
RAISE								

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DATE, HR	005	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	355	C	451	447	440	440	410
6	-	355	480	450	-	450	440	-
7	-	-	-	-	-	-	-	-
8	390	360	-	-	400	-	440	-
9	-	325	-	-	-	-	450	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	350	369	455	455	455	400	390	400
15	-	-	-	-	440	400	400	390
16	-	-	-	460	-	-	400	360
17	350	369	450	456	430	-	410	-
18	-	-	-	450	440	-	400	380
19	350	C	C	400	430	390	360	360
20	-	360	-	-	-	-	400	-
21	F	410	455	-	441	-	-	-
22	350	C	408	-	F	F	-	-
23	-	460	C	440	455	C	437	395
24	-	-	S	450	-	C	-	400
25	-	350	427	442	C	-	C	436
26	-	-	350	440	-	-	450	440
27	-	-	390	460	-	440	-	-
28	-	340	430	460	460	450	450	400
29	350	-	400	-	440	360	350	-
30	-	C	C	350	450	-	450	-
MEAN	350	350	427	446	447	404	423	400
S.D. MED	16.33	37.96	39.90	34.04	17.15	28.81	34.63	27.21
1. QUANT	350	350	400	420	438	400	400	360
0. QUANT	350	369	455	450	452	440	450	410
RAIJE	0	19	55	50	22	40	50	42

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAWON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2115	2215	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	400	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	400	C	C	C	C	C	C	C
13	360	C	C	C	C	C	C	C
14	355	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	400	C	C	C	C	C	C	C
18	350	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	360	C	C	C	C	C	C	C
23	350	C	C	C	C	C	C	C
24	400	C	C	C	C	C	C	C
25	350	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	364	C	C	C	C	C	C	C
S.D. MED	26.16	C	C	C	C	C	C	C
L QUART	350	C	C	C	C	C	C	C
U QUART	400	C	C	C	C	C	C	C
RANGE	50	C	C	C	C	C	C	C

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	00000	00000	00000	00000	00000	00000	00000	00000
2	00000	00000	00000	00000	00000	00000	00000	00000
3	00000	00000	00000	00000	00000	00000	00000	00000
4	00000	00000	00000	00000	00000	00000	00000	00000
5	00000	00000	00000	00000	00000	00000	00000	00000
6	00000	00000	00000	00000	00000	00000	00000	00000
7	00000	00000	00000	00000	00000	00000	00000	00000
8	00000	00000	00000	00000	00000	00000	00000	00000
9	00000	00000	00000	00000	00000	00000	00000	00000
10	00000	00000	00000	00000	00000	00000	00000	00000
11	00000	00000	00000	00000	00000	00000	00000	00000
12	00000	00000	00000	00000	00000	00000	00000	00000
13	00000	00000	00000	00000	00000	00000	00000	00000
14	00000	00000	00000	00000	00000	00000	00000	00000
15	00000	00000	00000	00000	00000	00000	00000	00000
16	00000	00000	00000	00000	00000	00000	00000	00000
17	00000	00000	00000	00000	00000	00000	00000	00000
18	00000	00000	00000	00000	00000	00000	00000	00000
19	00000	00000	00000	00000	00000	00000	00000	00000
20	00000	00000	00000	00000	00000	00000	00000	00000
21	00000	00000	00000	00000	00000	00000	00000	00000
22	00000	00000	00000	00000	00000	00000	00000	00000
23	00000	00000	00000	00000	00000	00000	00000	00000
24	00000	00000	00000	00000	00000	00000	00000	00000
25	00000	00000	00000	00000	00000	00000	00000	00000
26	00000	00000	00000	00000	00000	00000	00000	00000
27	00000	00000	00000	00000	00000	00000	00000	00000
28	00000	00000	00000	00000	00000	00000	00000	00000
29	00000	00000	00000	00000	00000	00000	00000	00000
30	00000	00000	00000	00000	00000	00000	00000	00000
31	00000	00000	00000	00000	00000	00000	00000	00000
MEDIAN	00000	00000	00000	00000	00000	00000	00000	00000
S.D. MED	00000	00000	00000	00000	00000	00000	00000	00000
L QUART	00000	00000	00000	00000	00000	00000	00000	00000
U QUART	00000	00000	00000	00000	00000	00000	00000	00000
RANGE	00000	00000	00000	00000	00000	00000	00000	00000

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. HAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	-	5.00	C	5.10	5.00	5.00	4.90	4.95
6	-	-	5.05	5.01	-	5.10	5.00	-
7	-	5.02	-	-	-	-	5.04	-
8	5.00	5.01	-	C	5.05	-	-	C
9	-	-	-	-	C	-	-	-
10	-	-	5.05	-	-	4.95	-	-
11	-	-	C	C	-	4.98	4.95	5.00
12	-	-	-	C	-	4.90	5.00	5.00
13	-	5.00	5.10	5.00	5.01	-	4.60	5.00
14	5.00	5.04	-	5.10	5.02	4.90	5.00	5.00
15	-	-	4.97	5.00	4.90	-	4.60	4.90
16	-	-	5.00	5.00	4.92	-	5.00	5.00
17	5.00	5.04	5.00	5.00	5.00	4.90	5.00	5.00
18	-	C	C	4.85	-	-	4.90	S
19	-	-	5.00	-	-	-	-	-
20	-	5.01	5.00	-	4.90	-	-	-
21	F	5.00	4.90	-	F	C	4.81	-
22	4.95	C	C	4.89	4.95	-	-	4.90
23	-	5.00	C	5.00	-	C	C	4.90
24	-	-	4.90	C	C	-	-	4.90
25	-	5.00	4.90	4.95	-	4.99	5.01	4.95
26	-	-	4.96	5.01	-	4.99	-	-
27	-	5.00	5.00	5.00	5.00	4.97	-	5.01
28	-	-	5.05	-	4.88	-	4.88	-
29	4.90	C	5.05	-	5.00	C	4.96	-
30	-	-	C	4.90	5.00	-	C	C
MEDIAN	5.00	5.00	4.99	5.00	5.00	4.99	4.97	4.95
S.D. MED	4.92	5.02	4.95	4.97	4.97	4.95	.15	4.95
L QUART	4.96	5.00	4.97	4.92	4.90	4.95	4.88	4.90
U QUART	5.00	5.02	5.05	5.01	5.00	4.99	5.00	5.00
RANGE	.04	.02	.08	.09	.10	.04	.12	.10

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305	
1 C	C	C	C	C	C	C	C	
2 C	C	C	C	C	C	C	C	
3 -	-	-	-	-	-	-	-	
4 5.02	-	-	-	-	-	-	-	
5 -	-	-	-	-	-	-	-	
6 5.00	-	-	-	-	-	-	-	
7 -	-	-	-	-	-	-	-	
8 -	-	-	-	-	-	-	-	
9 -	-	-	-	-	-	-	-	
10 -	-	-	-	-	-	-	-	
11 5.01	-	-	-	-	-	-	-	
12 5.00	-	-	-	-	-	-	-	
13 5.02	-	-	-	-	-	-	-	
14 -	-	-	-	-	-	-	-	
15 C	-	-	-	-	-	-	-	
16 5.00	-	-	-	-	-	-	-	
17 4.99	-	-	-	-	-	-	-	
18 -	-	-	-	-	-	-	-	
19 -	-	-	-	-	-	-	-	
20 -	-	-	-	-	-	-	-	
21 -	-	-	-	-	-	-	-	
22 5.00	-	-	-	-	-	-	-	
23 4.95	-	-	-	-	-	-	-	
24 4.95	-	-	-	-	-	-	-	
25 5.01	-	-	-	-	-	-	-	
26 -	-	-	-	-	-	-	-	
27 -	-	-	-	-	-	-	-	
28 -	-	-	-	-	-	-	-	
29 C	-	-	-	-	-	-	-	
30 -	-	-	-	-	-	-	-	
MEDIAN	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
S.D. MED	.02	.02	.02	.02	.02	.02	.02	
L QUART	4.98	4.98	4.98	4.98	4.98	4.98	4.98	
U QUART	5.01	5.01	5.01	5.01	5.01	5.01	5.01	
RANGE	.03	.03	.03	.03	.03	.03	.03	

CHARACTERISTIC. H FOFI

ATMOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKOR SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	00000	00000	00000	00000	00000	00000	00000	00000
2	00000	00000	00000	00000	00000	00000	00000	00000
3	00000	00000	00000	00000	00000	00000	00000	00000
4	00000	00000	00000	00000	00000	00000	00000	00000
5	00000	00000	00000	00000	00000	00000	00000	00000
6	00000	00000	00000	00000	00000	00000	00000	00000
7	00000	00000	00000	00000	00000	00000	00000	00000
8	00000	00000	00000	00000	00000	00000	00000	00000
9	00000	00000	00000	00000	00000	00000	00000	00000
10	00000	00000	00000	00000	00000	00000	00000	00000
11	00000	00000	00000	00000	00000	00000	00000	00000
12	00000	00000	00000	00000	00000	00000	00000	00000
13	00000	00000	00000	00000	00000	00000	00000	00000
14	00000	00000	00000	00000	00000	00000	00000	00000
15	00000	00000	00000	00000	00000	00000	00000	00000
16	00000	00000	00000	00000	00000	00000	00000	00000
17	00000	00000	00000	00000	00000	00000	00000	00000
18	00000	00000	00000	00000	00000	00000	00000	00000
19	00000	00000	00000	00000	00000	00000	00000	00000
20	00000	00000	00000	00000	00000	00000	00000	00000
21	00000	00000	00000	00000	00000	00000	00000	00000
22	00000	00000	00000	00000	00000	00000	00000	00000
23	00000	00000	00000	00000	00000	00000	00000	00000
24	00000	00000	00000	00000	00000	00000	00000	00000
25	00000	00000	00000	00000	00000	00000	00000	00000
26	00000	00000	00000	00000	00000	00000	00000	00000
27	00000	00000	00000	00000	00000	00000	00000	00000
28	00000	00000	00000	00000	00000	00000	00000	00000
29	00000	00000	00000	00000	00000	00000	00000	00000
30	00000	00000	00000	00000	00000	00000	00000	00000
PEDIAN	00000	00000	00000	00000	00000	00000	00000	00000
S.D. MED	00000	00000	00000	00000	00000	00000	00000	00000
L QUART	00000	00000	00000	00000	00000	00000	00000	00000
U QUART	00000	00000	00000	00000	00000	00000	00000	00000
RAISE	00000	00000	00000	00000	00000	00000	00000	00000

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	005	095	1005	1105	1205	1505	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	..	230	210	207	221	210	210	230
S.D. MED	..	20.82	6.32	0.52	20.18	29.44	29.15	20.65
L QUART	..	210	205	200	200	200	210	216
U QUART	..	260	215	220	225	260	220	260
RAIUE	..	50	10	20	25	60	10	44

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
MEDIAN	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..
L. QUART	..	..	..	..	..	..	..	..
U. QUART	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..

CHARACTERISTIC. FQES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	...	5.80	...	...	5.50	5.86	...	7.00
S.D. MED	...	5.52	...	...	2.53	1.44	...	1.61
L QUART	...	6.53	...	...	7.40	6.90	...	6.17
U QUART	...	6.53	9.24	7.90	7.36	6.90	6.97	8.00
RANGE	...	6.46	9.20	7.86	7.36	6.86	6.94	1.83

CHARACTERISTIC C. FOES

LONGSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	5.05L	6.90L	8.00L	8.00L	-	-	-	6.50L
6	-	6.60L	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	8.00L	-	-	C	-	-	-	C
9	6.10L	9.00L	6.00L	19.80Q	-	12.00L	19.60Q	11.80L
10	7.00L	8.00L	6.00L	-	-	6.86L	-	-
11	5.80L	-	6.70L	-	-	7.96L	8.00L	8.00L
12	-	6.00L	C	8.00L	-	-	7.70L	-
13	-	-	-	-	-	-	-	-
14	-	7.00L	6.50L	7.30L	-	-	-	-
15	7.80L	10.00L	8.20L	11.00L	12.10Q	13.60Q	9.20L	11.30L
16	-	7.40L	5.38L	5.20L	-	11.00L	-	5.50L
17	6.05L	6.50L	7.28L	7.98L	7.00L	7.50L	-	-
18	5.50L	C	C	-	5.86L	-	-	C
19	7.00L	9.20L	11.20L	7.98L	11.40L	9.40L	10.80L	8.00L
20	6.50L	6.05L	7.94L	11.36Q	6.70L	8.00L	7.30L	8.00L
21	6.90L	6.60L	6.56L	11.30Q	F	F	14.00Q	11.40Q
22	5.96L	C	C	-	-	C	5.66L	-
23	5.70L	6.90L	5.85L	7.85L	8.00L	16.60Q	10.00L	-
24	8.56L	10.96L	5.35L	C	C	C	C	5.39L
25	6.55L	6.51L	6.51L	7.40L	6.50L	5.56L	6.50L	7.05L
26	14.80Q	16.32Q	16.32Q	8.00L	15.84Q	8.00L	10.60L	7.80L
27	7.45L	8.10L	8.10L	11.00L	8.00L	8.00L	6.51L	8.20L
28	7.00L	6.90L	5.98L	11.40L	7.10L	9.00L	7.55L	10.20L
29	6.40L	C	5.00L	10.40L	14.00Q	16.00Q	12.00Q	16.00Q
30	7.40L	C	C	9.00L	8.10L	C	C	C
MEDIAN	6.72	7.00	6.56	8.50	8.00	8.90	8.10	8.10
S.D. MED	2.01	1.40	2.79	3.43	3.36	3.44	3.89	2.93
L QUART	6.00	6.60	5.99	7.91	7.96	7.96	7.50	7.15
U QUART	7.42	8.00	8.05	11.33	11.75	12.00	10.80	11.30
RANGE	1.42	1.40	2.06	3.42	4.90	4.04	3.50	4.25

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE: NAKH SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	10.00L	11.90L	8.00F	8.00F	8.00F	7.80F	7.80F	7.90F
5	-	9.80L	-	-	-	-	-	-
6	7.00L	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	4.90L	-	7.00F	6.00F	7.90F	7.90F	8.00F	7.00F
10	7.80L	6.20L	5.50F	8.00F	-	-	-	-
11	5.20L	-	-	-	-	-	-	-
12	8.00L	7.75L	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	5.60L	7.00L	-	-	-	4.90F	C	C
15	12.80L	10.60L	7.00F	7.00F	-	-	C	C
16	C	-	11.00F	6.00F	5.82F	7.00F	C	C
17	-	-	-	5.00F	-	5.85F	F	F
18	-	5.15L	-	-	-	-	-	5.60F
19	9.60L	11.20L	7.00F	7.00F	7.00F	-	-	C
20	12.10L	16.80L	11.00F	10.90F	6.60F	-	-	-
21	7.95L	7.55L	7.90F	11.40F	C	-	-	-
22	7.77L	8.40L	8.00F	8.00F	5.80F	-	5.70F	5.80F
23	-	5.10L	-	-	-	-	-	-
24	7.55L	6.30L	10.20F	5.95F	5.80F	7.51F	-	10.40F
25	5.78L	-	5.80F	9.10F	9.10F	6.45F	-	-
26	5.76L	9.20L	8.10F	8.00F	8.00F	-	6.40F	-
27	10.00L	7.90L	5.55F	6.40F	-	-	-	C
28	8.20L	5.94L	6.41F	-	-	-	-	-
29	11.80L	10.20L	8.12F	-	-	-	-	-
30	C	12.30L	7.00F	11.90F	6.55F	-	-	-
MEDIAN	7.80	7.82	7.85	7.10	6.60	7.25	7.10	7.00
S.D. MED	2.28	3.14	1.67	2.16	1.14	1.44	1.97	1.78
L QUART	5.78	6.20	6.70	5.82	5.02	6.15	6.05	5.70
U QUART	10.00	10.60	8.11	8.00	8.00	7.87	7.90	9.15
RANGE	4.22	4.40	1.41	2.00	2.18	1.72	1.85	3.45

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JUNE, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	103	203	303	403	503	603	703
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
MEDIAN	..	100	104	118	103	107	102	119
S.D. MED	..	9.02	5.45	4.76	9.99	7.97	9.77	7.07
L QUART	..	99	99	110	100	100	100	100
U QUART	..	100	112	120	113	119	115	115
RANGE	..	9	13	10	13	18	15	14

CHARACTERISTIC. H ES

IONOSPHERIC
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKON SAEN
LOCAL STANDARD TIME

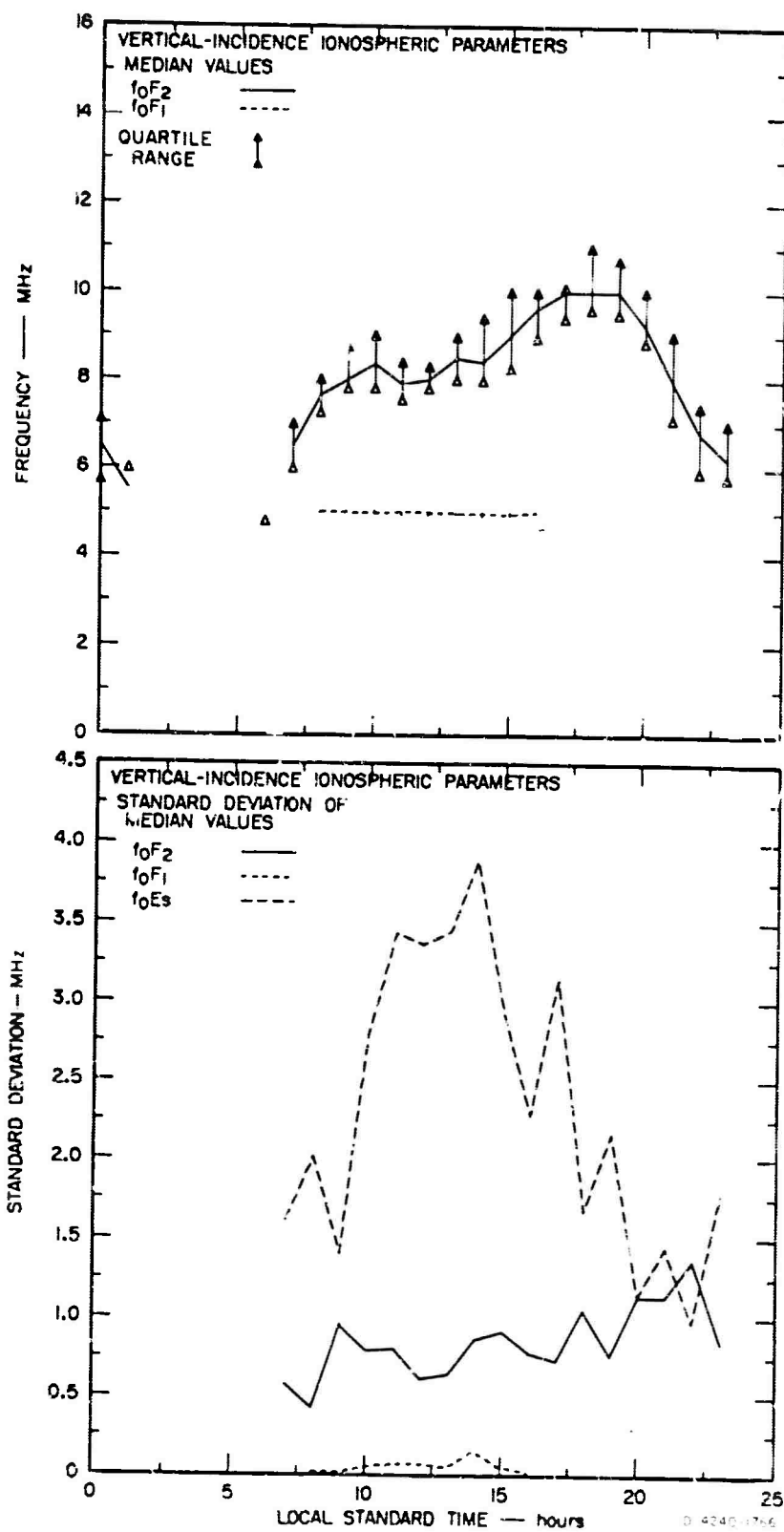
DAY /HR	005	903	1005	1105	'235	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	-	110	101	101	-	-	-	109
6	106	105	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	118	120	115	C	-	-	-	C
9	100	120	115	100	C	105	105	115
10	121	110	110	100	-	120	120	110
11	115	110	C	C	112	115	115	-
12	-	110	-	-	-	-	-	-
13	-	110	115	120	-	-	104	105
14	-	110	115	110	105	110	-	105
15	111	110	115	110	105	110	-	105
16	-	105	105	105	-	105	-	105
17	115	107	110	106	112	105	-	5
18	108	100	99	99	106	99	100	105
19	105	100	105	100	100	105	110	105
20	106	115	105	100	107	105	115	105
21	120	105	110	102	100	105	107	105
22	112	105	C	110	-	100	104	-
23	110	110	100	100	C	100	100	99
24	101	99	100	100	105	100	100	100
25	100	100	100	90	99	100	100	100
26	100	100	100	90	100	100	99	100
27	105	100	100	99	100	100	101	99
28	100	100	100	100	100	100	101	100
29	120	100	105	110	100	100	110	107
30	110	C	100	100	100	100	110	C
MEDIAN	109	106	105	102	100	100	104	105
S.D.	7.05	7.59	6.19	6.44	5.26	6.70	6.80	5.77
L QUART	105	100	100	99	100	100	100	100
U QUART	115	115	112	109	105	106	110	107
RANGE	12	13	12	16	6	6	10	7

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JUNE, 1966

SITE. NAKH SAWON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	100	110	104	101	107	102	112	115
5	100	110	104	101	107	102	112	115
6	100	110	104	101	107	102	112	115
7	100	110	104	101	107	102	112	115
8	100	110	104	101	107	102	112	115
9	120	110	120	120	120	115	110	110
10	111	110	105	120	120	111	110	110
11	120	120	105	120	120	111	110	110
12	115	120	105	120	120	111	110	110
13	115	120	105	120	120	111	110	110
14	115	120	105	120	120	111	110	110
15	104	116	103	110	101	105	100	100
16	C	105	105	105	101	101	100	100
17	C	105	105	105	101	101	100	100
18	C	105	105	105	101	101	100	100
19	105	105	105	105	105	105	105	105
20	103	102	102	102	105	105	105	105
21	110	105	110	104	105	105	105	105
22	102	101	99	101	105	105	105	105
23	102	101	99	101	105	105	105	105
24	99	101	99	99	100	99	99	120
25	100	100	100	100	99	102	102	106
26	110	100	100	100	100	102	102	106
27	99	102	100	100	100	102	102	106
28	90	99	100	100	100	102	102	106
29	102	105	102	120	100	102	102	106
30	102	105	110	120	100	102	102	106
31	C	105	110	120	100	102	102	106
MEDIAN	104	105	104	102	101	103	106	110
S.D.	7.51	5.61	5.64	8.47	6.27	5.45	5.41	7.02
U QUANT	100	101	100	100	100	101	100	100
L QUANT	111	110	110	110	105	100	111	117
RANGE	11	9	10	10	5	7	11	17



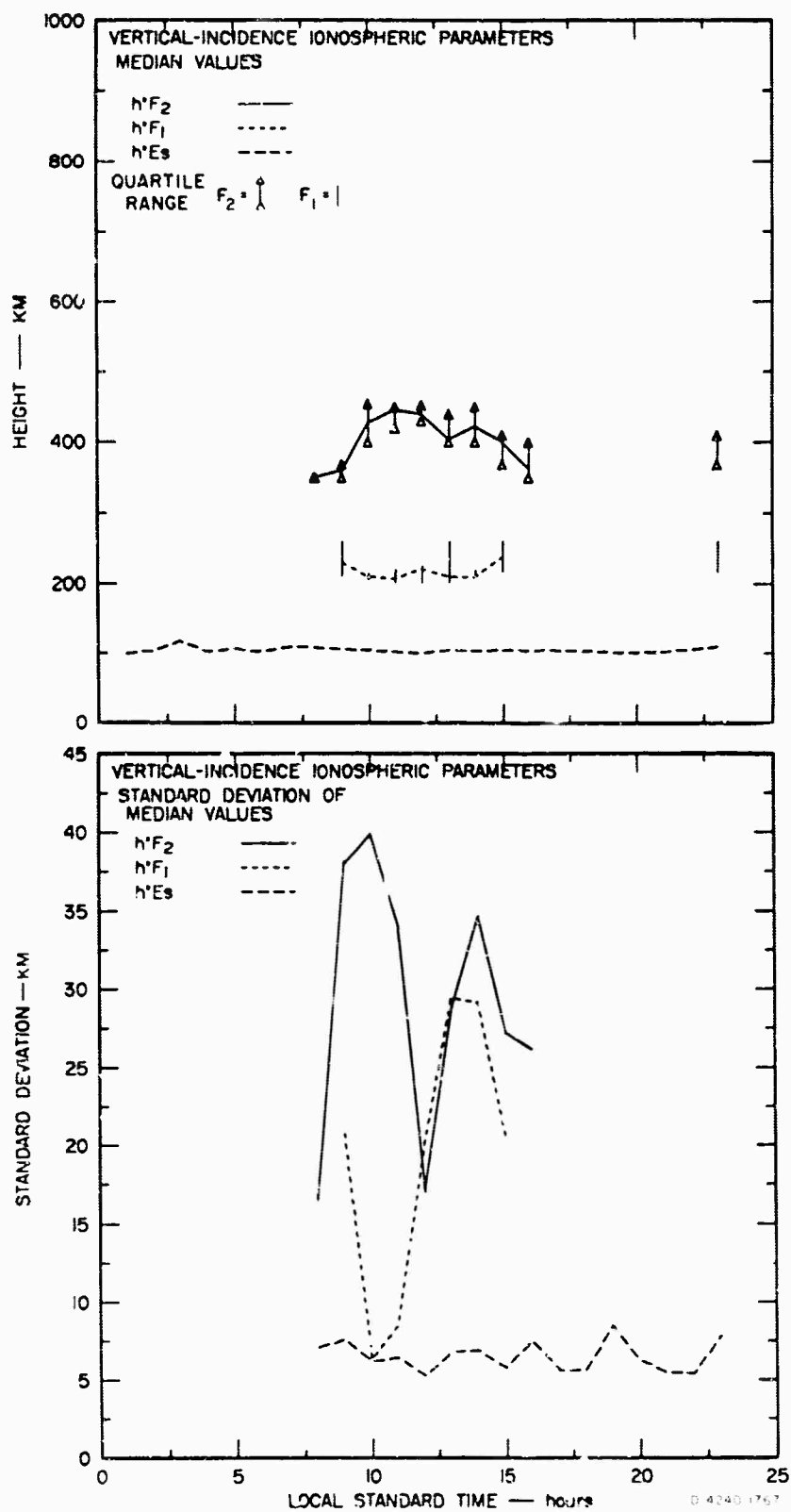
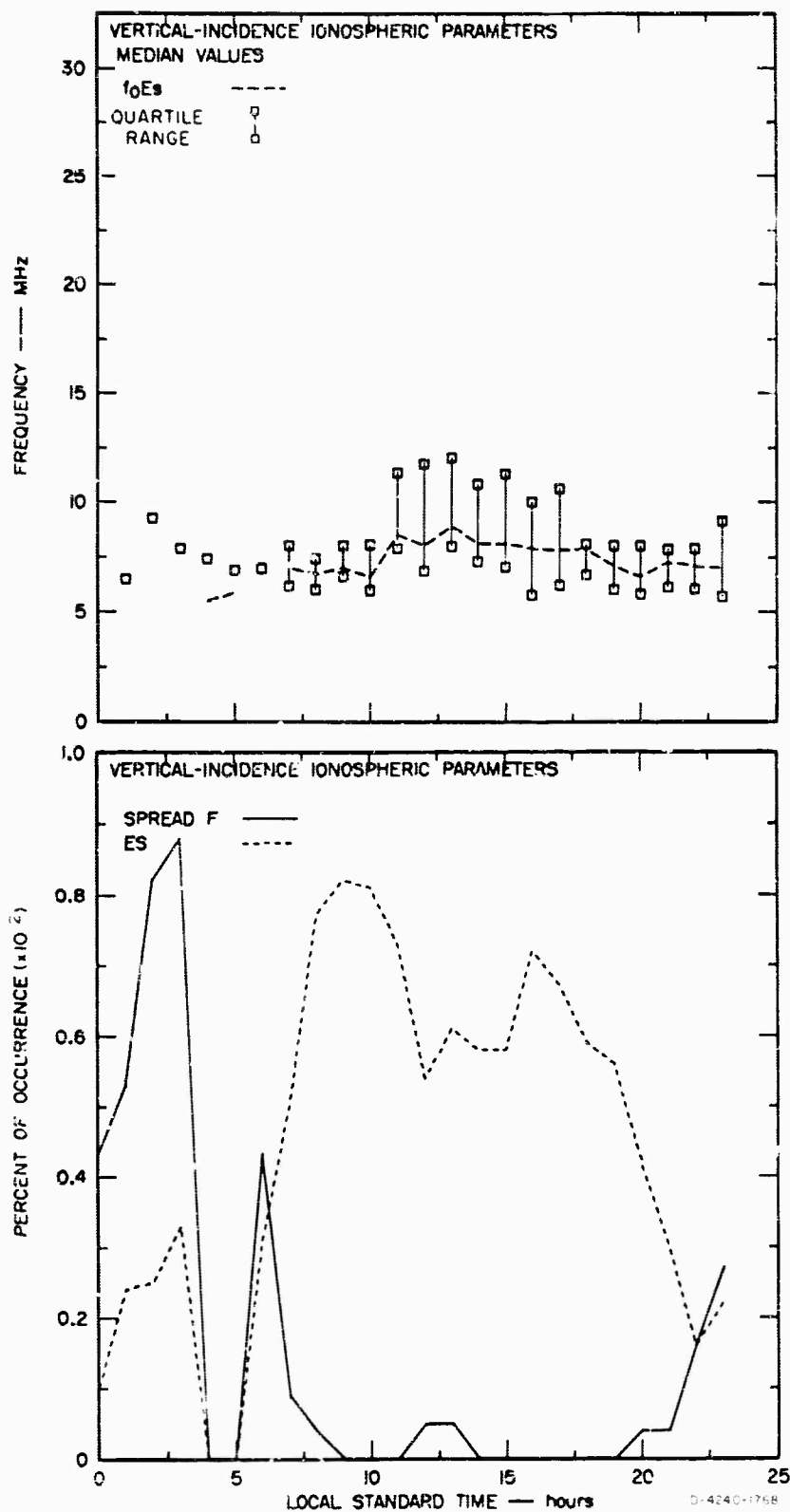


FIG 18 VIRTUAL HEIGHT SUMMARY, NAKON SAWAN, JUNE, 1966



CHARACTERISTIC. F02

LONGSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	8.00	6.46	5.89	5.00	5.00	5.00	5.00	8.02R
2	5.95	5.98	5.00	5.00	5.00	5.00	5.00	6.70
3	6.40	6.10	5.00	5.00	5.00	5.00	5.00	5.40
4	4.85	5.10	5.00	5.00	5.00	5.00	5.00	6.30
5	5.49	5.45	5.00	5.00	5.00	5.00	5.00	7.10
6	5.25	5.45	5.00	5.00	5.00	5.00	5.00	6.90R
7	5.45	5.45	5.00	5.00	5.00	5.00	5.00	7.30
8	5.45	5.45	5.00	5.00	5.00	5.00	5.00	7.25
9	5.45	5.45	5.00	5.00	5.00	5.00	5.00	8.40
10	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.55
11	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.35
12	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.90
13	6.15	5.60	5.00	5.00	5.00	5.00	5.00	7.00
14	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
15	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.06
16	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
17	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
18	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
19	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
20	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
21	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
22	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
23	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
24	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
25	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
26	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
27	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
28	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
29	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
30	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
31	6.15	5.60	5.00	5.00	5.00	5.00	5.00	6.30
MEDIAN	5.90	6.05	4.60	5.00	5.00	5.00	5.00	6.90
S.D.	1.02	1.13	1.13	1.13	1.13	1.13	1.13	1.13
L. QUART	5.25	5.35	5.79	5.00	5.00	5.00	5.00	6.40
U. QUART	6.80	6.63	5.75	5.00	5.00	5.00	5.00	7.10
RANGE	1.55	1.28	6.00	5.00	5.00	5.00	5.00	1.00
BLANK	2.00	1.00	6.00	5.00	5.00	5.00	5.00	1.00
ES	1.19	1.15	6.32	5.00	5.00	5.00	5.00	1.41
SPRD F	1.32	1.41	6.63	5.00	5.00	5.00	5.00	1.00

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKOM SAMON
LOCAL STANDARD TIME

DAY /HR	005	903	1005	1105	1205	1305	1405	1505
1	10.52R	9.80R	8.60	8.48	8.22	7.60R	8.42	9.00
2	7.80	8.12R	7.80	7.80	7.90	8.60	8.00	8.90
3	7.50R	8.00R	7.60R	7.60R	-	7.80	8.60R	8.40R
4	7.55R	8.20R	7.55R	6.30	7.30	7.80	8.40R	10.30R
5	7.80	-	6.55	6.60	-	7.90R	-	9.02
6	7.80	8.10R	8.54	8.70R	7.90	7.80R	7.50R	7.55R
7	7.24R	8.90R	8.82R	-	7.20	7.90	7.77R	8.40R
8	9.20	6.60	8.60	8.50R	7.60	8.10	7.50	7.98
9	7.50	7.70	8.60	-	8.40R	6.60	7.20	8.40R
10	7.60R	7.00	8.60	8.90R	8.40	7.50	-	8.55
11	7.20	7.60R	8.40	7.20	6.60	-	7.40	7.50R
12	7.80	9.00R	8.00	7.50	8.30	-	8.00	8.20R
13	8.40	7.70	8.80	7.80	7.45	7.90	8.00	9.00
14	8.20	9.60	8.60	7.00	-	8.40	7.65R	8.80
15	8.30	7.80	8.60	7.40	8.30	-	7.40	8.90
16	8.30	7.80	8.60	7.40	7.45	-	8.60R	9.00
17	6.60	7.60R	7.55R	8.10R	-	8.10	-	9.00
18	8.60	8.60R	7.90R	7.20	7.50	7.85	7.90	7.66
19	7.10	7.60R	7.58R	7.10R	6.60	8.00	8.60	9.00
20	7.40	7.60R	6.80	6.85	7.90R	8.50R	8.50R	9.00
21	6.60	8.00R	7.50	7.30	7.42	7.85	9.50	9.00
22	7.00	7.20	7.50	8.80R	-	-	9.90	9.80
23	9.10R	8.82	8.80R	9.10R	8.40R	7.90	8.80	8.24R
24	7.65	9.10	9.20	9.00	-	7.90	7.58R	9.00R
25	8.96	-	8.80	9.04R	-	-	-	9.00R
26	8.80	8.80	9.00	9.04R	-	-	-	9.80
27	8.80	8.80	9.00	9.04R	7.90	8.90	9.00	9.90
28	8.80	8.80	9.00	9.04R	9.92R	8.92R	9.60	10.90
29	9.00	10.10	10.80	10.72	-	8.82	9.82	9.80
30	9.00	9.30R	9.80R	8.66R	-	8.40R	9.30	9.90R
31	9.10	9.80	10.10R	7.50	-	-	-	-
MEDIAN	7.80	8.10	8.54	7.80	7.90	7.90	8.40	8.98
S.D. MED	.91	.85	.95	1.04	.77	.49	.79	.79
L QUART	7.45	7.60	7.60	7.20	7.42	7.82	7.77	8.40
U QUART	8.70	8.95	8.80	8.75	8.30	8.10	8.80	9.41
RANGE	1.25	1.35	1.20	1.55	.80	.28	1.03	1.01
BLANK	0	0	0	0	0	0	0	0
ES	.82	.89	.90	.93	.92	.81	.75	.62
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE: NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2200	2305
1	3.60	9.92R	9.24	9.40R	9.60R	9.00	7.60R	5.80
2	3.10	11.60R	10.00	11.40	C	C	C	C
3	9.50	10.00	9.16	8.96	8.00R	7.90R	6.50R	5.50R
4	9.40	9.32	6.92R	C	C	7.00	5.50	5.30R
5	9.96	10.80	10.80	8.96	7.91	6.95	6.35R	5.40R
6	-	10.80	9.00R	11.40R	10.80	8.95	5.60	5.32
7	7.70R	-	-	-	7.90	6.20	7.10R	5.10
8	8.70R	8.96R	10.40	11.60R	9.20	9.20	6.30R	5.90
9	8.60	9.40	10.02R	10.10	9.00R	7.50R	6.90R	5.50
10	9.20	10.00	9.96R	8.80R	9.00R	7.70R	5.60	4.60
11	10.80	11.10	11.30R	10.10R	10.90R	7.50R	5.60	5.60
12	C	10.40	9.70	10.10R	8.90R	7.30R	6.50	6.05
13	7.80R	9.00	10.40R	10.10R	8.10R	7.30R	6.30R	6.05
14	9.00	9.90R	9.00	9.50R	8.80	7.60	-	F
15	10.30	10.56	11.20	11.00R	9.20	7.50R	C	F
16	10.00	10.00	10.00	11.00R	7.05	5.90	C	7.00
17	9.80	8.60	9.60	10.00R	9.30	8.60	7.96	7.00
18	11.10	11.10	9.60	8.00	7.10	6.60	6.50R	6.30
19	C	C	10.40R	10.20R	C	C	C	C
20	8.60	8.90	9.00	10.50	9.60	8.30	6.40	F
21	-	-	10.00	10.20	8.00R	7.10R	8.30R	6.70R
22	9.20	9.90R	11.00	11.00	9.00R	7.00R	6.10R	6.90R
23	10.10	9.60R	C	C	16.10R	8.00R	F	6.05
24	9.20	10.00R	8.40	9.00	8.60R	8.60R	7.00R	9.00
25	8.22	7.90R	11.00	9.00	8.20R	8.60R	9.60R	5.70R
26	9.00	9.00	10.80	9.60R	8.10R	7.90R	C	6.55
27	11.00	11.20R	12.00R	C	C	9.50R	6.60	8.30R
28	10.90	11.00R	10.90R	10.20	10.00	C	9.32R	6.55
29	10.12	10.10R	11.00	10.00	8.80R	7.30	7.30	6.55
30	10.00	9.10R	9.90	9.40R	9.40R	S	6.60R	8.20
31	10.20R	10.35R	10.60	11.00R	10.50	9.90R	9.10	F
MEDIAN	9.70	10.00	10.00	10.10	9.00	7.80	6.60	5.97
S.D. MED	9.90	9.32	1.00	9.60	9.95	9.80	1.10	1.11
L QUART	9.00	10.40	9.42	9.40	9.10	7.20	6.55	5.95
U QUART	10.10	10.40	10.80	11.00	7.60	8.60	7.96	6.70
RANGE	0	1.08	1.42	1.60	1.50	1.40	1.61	1.15
BLANK	0	0	0	0	0	0	0	0
ES	0	0	0	0	0	0	0	0
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC. M 1072

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKOM SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	360	360	-	-	-	400
2	-	452	-	455	460	454	410	430
3	-	-	-	446	-	-	420	465
4	-	-	400	-	-	-	380	431
5	-	-	400	-	-	442	-	-
6	-	-	-	-	-	C	-	-
7	-	-	-	400	460	-	-	-
8	360	360	365	-	460	376	400	445
9	330	330	C	C	-	-	440	-
10	-	-	-	400	450	-	460	410
11	-	-	-	-	400	-	C	500
12	330	-	430	470	-	-	-	450
13	370	-	400	440	-	-	-	440
14	320	-	450	440	400	-	450	500
15	360	-	440	455	455	440	430	440
16	-	-	C	C	C	-	-	434
17	-	-	-	-	-	-	-	430
18	400	-	420	410	-	450	440	-
19	-	-	-	450	450	440	C	C
20	-	-	450	460	455	450	445	500
21	-	-	445	-	430	455	440	440
22	330	-	420	450	460	455	450	400
23	350	-	-	-	-	-	-	500
24	-	-	-	380	460	440	452	380
25	330	-	360	450	C	440	440	440
26	-	-	457	C	C	C	-	455
27	335	-	400	450	-	-	C	410
28	-	-	415	457	390	450	446	410
29	-	350	350	370	355	400	440	405
30	-	-	360	360	C	C	445	442
31	-	-	380	350	-	-	-	400
MEDIAN	320	350	400	443	450	440	440	430
S.D. MED	17.03	36.06	32.47	43.72	36.43	24.90	20.80	27.52
L QUART	312	350	380	390	440	425	425	400
U QUART	337	370	437	452	460	452	447	440
RANGE	25	20	57	62	60	12	22	40

CHARACTERISTIC. M F072

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

STATION: NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	400	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	380	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	380	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	450	-	-	-	-	-	-	-
8	360	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	360	330	-	-	-	-	-	-
11	380	330	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	400	-	-	-	-	-	-	-
14	400	350	-	-	-	-	-	-
15	350	-	-	-	-	-	-	-
16	350	-	-	-	-	-	-	-
17	320	-	-	-	-	-	-	-
18	350	-	-	-	-	-	-	-
19	C	C	-	-	-	-	-	-
20	365	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	380	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	400	-	-	-	-	-	-	-
25	350	-	-	-	-	-	-	-
26	S	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	375	-	-	-	-	-	-	-
29	350	-	-	-	-	-	-	-
30	390	-	-	-	-	-	-	-
31	-	340	-	-	-	-	-	-
MEDIAN	377	335	0	0	0	0	0	0
S.D. MED	27.63	0.66	0	0	0	0	0	0
L. QUART	358	330	0	0	0	0	0	0
U. QUART	395	345	0	0	0	0	0	0
RANGE	45	15	0	0	0	0	0	0

CHARACTERISTIC. FOR:

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705	
1	1	1	1	1	1	1	1	1	
2	1	1	1	1	1	1	1	1	
3	1	1	1	1	1	1	1	1	
4	1	1	1	1	1	1	1	1	
5	1	1	1	1	1	1	1	1	
6	1	1	1	1	1	1	1	1	
7	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	1	1	1	
9	1	1	1	1	1	1	1	1	
10	1	1	1	1	1	1	1	1	
11	1	1	1	1	1	1	1	1	
12	1	1	1	1	1	1	1	1	
13	1	1	1	1	1	1	1	1	
14	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	
16	1	1	1	1	1	1	1	1	
17	1	1	1	1	1	1	1	1	
18	1	1	1	1	1	1	1	1	
19	1	1	1	1	1	1	1	1	
20	1	1	1	1	1	1	1	1	
21	1	1	1	1	1	1	1	1	
22	1	1	1	1	1	1	1	1	
23	1	1	1	1	1	1	1	1	
24	1	1	1	1	1	1	1	1	
25	1	1	1	1	1	1	1	1	
26	1	1	1	1	1	1	1	1	
27	1	1	1	1	1	1	1	1	
28	1	1	1	1	1	1	1	1	
29	1	1	1	1	1	1	1	1	
30	1	1	1	1	1	1	1	1	
31	1	1	1	1	1	1	1	1	
MEDIAN	0	0	0	0	0	0	0	0	
S.D.	0	0	0	0	0	0	0	0	
QUART	0	0	0	0	0	0	0	0	
U QUART	0	0	0	0	0	0	0	0	
RANGE	0	0	0	0	0	0	0	0	

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NARON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	5.01	4.90	-	-	-	5.00
2	-	-	-	5.00	5.01	5.05	-	5.00
3	C	4.99	-	4.99	-	-	4.99	4.99
4	-	-	-	4.99	-	-	4.80	-
5	-	-	5.00	-	-	5.00	4.80	4.90
6	-	-	4.95	4.90	-	-	-	-
7	-	-	-	4.84	-	-	-	-
8	-	5.00	4.99	-	4.90	5.00	5.01	5.00
9	-	5.00	-	C	5.00	-	5.00	-
10	-	-	-	5.00	4.90	5.00	5.00	5.05
11	-	-	-	-	5.00	-	-	5.00
12	-	4.99	4.90	4.95	-	-	-	5.00
13	4.99	4.80	5.00	5.00	4.97	-	4.99	5.00
14	5.00	-	5.00	5.00	5.01	-	5.00	4.95
15	4.90	5.00	5.00	4.99	5.01	5.00	-	5.02
16	-	-	C	C	C	-	-	4.80
17	-	C	-	5.01	-	-	5.03	5.00
18	-	5.00	5.00	5.02	-	5.00	-	-
19	5.00	5.02	-	5.00	5.00	5.00	5.01	-
20	-	-	5.00	5.00	4.99	5.01	5.01	5.01
21	-	-	4.90	-	4.90	5.00	4.90	5.00
22	-	-	5.02	5.00	5.05	-	-	5.01
23	-	5.01	-	-	-	-	-	5.01
24	-	5.00	-	5.00	5.05	5.01	5.02	5.01
25	-	-	5.01	5.02	-	5.00	5.02	5.02
26	-	-	5.00	C	C	C	-	5.02
27	5.00	C	5.00	5.00	-	5.00	5.01	5.03
28	-	-	5.04	5.02	5.01	5.00	5.01	5.03
29	-	5.00	5.01	5.01	5.00	5.00	5.00	5.00
30	-	5.00	5.01	5.00	-	-	5.02	5.00
31	-	-	5.05	5.05	-	-	-	5.00
MEDIAN	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
S.D. MED	.01	.06	.03	.05	.03	.01	.07	.03
U. QUART	4.99	4.99	5.00	4.99	4.90	5.00	4.99	5.00
L. QUART	5.00	5.00	5.01	5.01	5.01	5.00	5.01	5.01
RANGE	.02	.01	.01	.02	.03	.00	.02	.01

CHARACTERISTIC. FOFI

ISOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. NAKOR SAUON
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1 5.00	-	-	-	-	-	-	-
2 4.82	-	-	-	-	-	-	-
3 4.90	-	-	-	-	-	-	-
4 4.90	-	-	-	-	-	-	-
5 4.90	-	-	-	-	-	-	-
6 4.90	-	-	-	-	-	-	-
7 4.90	-	-	-	-	-	-	-
8 4.90	-	-	-	-	-	-	-
9 5.00	5.00	-	-	-	-	-	-
10 4.95	4.90	-	-	-	-	-	-
11 4.90	-	-	-	-	-	-	-
12 4.90	-	-	-	-	-	-	-
13 4.99	5.02	-	-	-	-	-	-
14 4.99	-	-	-	-	-	-	-
15 5.01	-	-	-	-	-	-	-
16 4.97	-	-	-	-	-	-	-
17 5.00	-	-	-	-	-	-	-
18 5.01	-	-	-	-	-	-	-
19 5.00	-	-	-	-	-	-	-
20 5.00	-	-	-	-	-	-	-
21 5.00	-	-	-	-	-	-	-
22 5.00	-	-	-	-	-	-	-
23 5.00	-	-	-	-	-	-	-
24 5.00	-	-	-	-	-	-	-
25 5.00	-	-	-	-	-	-	-
26 5.05	-	-	-	-	-	-	-
27 5.00	5.00	-	-	-	-	-	-
28 5.01	-	-	-	-	-	-	-
29 5.01	-	-	-	-	-	-	-
30 5.01	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-
MEDIAN 5.00	5.00	0	0	0	0	0	0
S.D. MED .05	4.95	0	0	0	0	0	0
L QUART 4.98	5.01	0	0	0	0	0	0
U QUART 5.00	.06	0	0	0	0	0	0
RANGE .02							

CHARACTERISTIC. H FOR I

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. NAKOR SAUON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC. H F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	005	093	1005	1105	1205	1305	1405	1505
1	-	-	250	210	-	-	-	210
2	-	C	-	210	200	220	-	210
3	C	240	-	250	-	-	210	300
4	-	-	-	210	-	240	220	-
5	-	-	-	-	-	C	-	-
6	-	-	-	-	-	-	-	-
7	C	-	-	-	240	-	-	-
8	-	220	220	-	200	200	175	160
9	-	-	C	-	250	220	-	-
10	-	-	-	250	-	-	250	250
11	-	-	210	250	-	-	-	-
12	-	-	220	210	-	-	-	-
13	-	-	-	210	200	-	220	-
14	-	-	220	200	220	-	-	220
15	-	250	C	-	C	-	-	220
16	-	-	-	-	-	-	-	220
17	C	-	210	220	-	-	220	230
18	-	240	-	-	-	-	-	240
19	-	-	-	-	210	200	220	C
20	-	-	220	-	210	210	220	220
21	-	-	-	-	-	210	-	-
22	-	-	225	-	210	-	-	210
23	-	-	-	-	-	-	-	220
24	-	240	-	210	200	200	210	210
25	-	-	210	220	C	C	220	-
26	-	-	-	-	C	-	-	-
27	210	C	-	-	C	-	212	220
28	-	-	-	210	212	210	226	210
29	-	-	225	220	-	-	-	-
30	-	-	210	200	C	C	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	..	240	230	210	210	200	220	220
S.D.	..	10.0	10.59	10.91	16.53	11.40	15.25	20.05
L QUANT	..	230	210	210	200	200	210	210
U QUANT	..	245	222	220	220	220	220	230
RANGE	..	15	12	10	20	20	10	20

CHARACTERISTIC. H FORT

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

SITE. MARON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	210	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	240	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	200	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	200	-	-	-	-	-	-	-
26	5	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	215	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	210	0	0	0	0	0	0	0
S.D. MED	15.00	0	0	0	0	0	0	0
L. QUART	200	0	0	0	0	0	0	0
U. QUART	227	0	0	0	0	0	0	0
RANGE	27	0	0	0	0	0	0	0

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	7.00F	5.10F	5.50F	7.00F	5.70F	5.50F	5.50L
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	6.30F	6.50F	-	-	-	-	-	-
10	7.70F	6.40F	-	-	-	-	-	-
11	-	-	5.60F	7.60F	6.80F	7.00F	6.70L	5.60L
12	-	-	6.20F	5.80F	7.00F	-	5.90L	7.35L
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	6.00F	-	5.60F	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	5.65F	-	-	7.00F	-	6.45F	-	5.90L
24	5.70F	-	-	5.70F	-	7.00F	-	5.80L
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	6.10F	7.15F	5.80F	6.90F	-	-	-
29	-	-	4.00F	5.25F	6.05F	-	-	-
30	-	-	6.10F	-	-	-	-	-
31	-	-	6.10F	-	-	-	-	-
MEDIAN	5.70	6.46	4.80	5.65	...	...	...	5.07
S.D. MED	1.94	1.13	1.50	1.10	...	...	...	1.05
U QUANT	6.30	6.75	6.85	5.95	6.35	6.10	4.90	5.45
RANGE	6.26	5.68	6.01	5.91	.81	6.09	4.89	6.50

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JULY, 1966

***TE. NAKOM SAHON
LOCAL STANDARD TIME

DAY /M/	805	905	1005	1105	1205	1305	1405	1505
1	9.70L	6.50L	5.70L	5.90L	7.95L	11.20L	16.40Q	11.00Q
2	6.00L	C	12.40Q	11.00Q	7.95L	6.80L	12.20Q	15.90Q
3	C	9.40L	10.90L	11.40Q	15.90Q	12.00Q	11.00Q	6.95L
4	7.60L	6.55L	7.00L	8.40L	15.80Q	5.90Q	-	7.95L
5	10.00L	6.55L	9.00L	9.00L	7.00L	6.60L	-	-
6	C	7.10L	12.20L	7.40L	12.00Q	C	14.00Q	17.30Q
7	C	-	-	-	5.12L	7.05L	5.52L	-
8	-	5.15L	6.95L	7.50L	-	-	6.55L	7.00L
9	6.00L	-	7.30L	C	11.60Q	5.50L	10.60Q	-
10	9.40L	7.30L	7.50L	7.00L	5.70L	6.50L	7.00L	-
11	6.50L	6.90L	5.60L	6.00L	6.50L	C	-	-
12	7.20L	6.45L	7.50L	6.50L	15.20Q	10.60Q	8.10L	C
13	6.55L	7.50L	7.10L	7.80L	9.90L	2.70L	7.50L	7.50L
14	7.85L	6.00L	5.40L	5.00L	5.50L	5.00L	-	6.55L
15	7.20L	5.95L	6.00L	12.20Q	-	-	-	-
16	7.05L	6.40L	C	C	-	11.00L	6.75L	7.60L
17	-	C	11.40Q	13.10Q	-	13.20Q	16.20Q	10.00L
18	6.10L	6.80L	7.10L	7.00L	5.65L	5.05L	-	C
19	7.00L	11.50Q	7.00L	5.90L	7.20L	5.20L	C	8.00L
20	6.00L	5.00L	7.40L	5.15L	7.00L	6.20L	7.30L	6.60L
21	6.35L	7.10L	7.45L	7.80L	8.90L	-	5.10L	6.95L
22	-	6.00L	7.05L	7.90L	6.60L	-	6.90L	4.06L
23	8.10L	7.00L	6.20L	5.95L	7.85L	9.40L	5.10L	10.00Q
24	7.95L	4.90L	7.90L	6.50L	6.30L	5.00L	-	-
25	-	5.70L	9.40L	7.90L	C	-	7.25L	11.00Q
26	6.95L	11.04Q	7.95L	C	-	C	12.40Q	-
27	6.50L	C	-	6.50L	5.20L	4.00L	C	7.55L
28	5.60L	C	5.76L	7.10L	5.70L	5.15L	5.62L	4.30L
29	-	6.36L	5.65L	-	-	C	6.50L	-
30	7.50L	7.10L	7.60L	9.00L	C	5.70L	7.40L	-
31	5.90L	-	-	7.00L	11.50L	-	-	-
MEDIAN	7.00	6.55	7.20	7.39	7.62	6.35	7.40	7.75
S.D. MED	1.19	1.69	2.29	2.09	3.62	2.97	3.79	3.49
L QUART	6.35	6.00	6.20	6.50	5.70	5.30	6.52	6.95
U QUART	7.85	7.10	7.90	8.40	11.50	10.60	12.00	10.00
RANGE	1.50	1.10	1.70	1.90	5.60	5.30	5.40	5.85

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	8.00L	7.40F	5.60F	C*	C	C	C
2	10.90Q	7.90F	-	C*	-	-	-
3	6.55L	-	C*	C	C*	-	-
4	-	-	-	-	-	-	-
5	11.10Q	-	-	-	-	-	-
6	5.65L	7.60F	9.20F	5.70F	5.80F	-	5.95F
7	5.70L	1.60F	6.60F	-	5.95F	-	C
8	4.95L	-	-	-	-	C*	-
9	-	-	-	-	-	-	-
10	5.55L	-	-	-	-	-	5.60F
11	C*	5.21F	4.75F	5.65F	-	-	-
12	7.00L	5.62F	-	-	-	-	-
13	5.40L	-	-	-	-	-	-
14	4.92L	7.00F	5.30F	9.00F	7.70F	7.70F	7.80F
15	6.70L	7.05F	6.40F	-	-	C	C
16	7.10L	5.63F	5.75F	-	-	-	-
17	-	-	-	7.60F	-	-	-
18	C	9.60F	7.00F	C	C	C	C
19	7.60L	6.50F	5.60F	-	-	-	5.40F
20	15.00Q	-	5.95F	-	-	6.05F	6.20F
21	-	-	-	-	-	-	-
22	5.55L	C*	C*	-	-	-	-
23	5.81L	5.97F	5.70F	-	-	-	-
24	7.50L	-	-	-	-	-	-
25	5.50L	7.50F	6.50F	5.90F	5.70F	-	-
26	10.00L	-	C	C	-	-	-
27	5.40L	-	-	-	C*	-	-
28	7.80L	7.10F	-	-	C*	-	-
29	5.77L	-	-	-	S	5.50F	-
30	-	-	9.20F	-	6.10F	-	-
31	-	-	-	-	-	-	-
MEDIAN	6.05	7.02	5.04	5.90	5.95	6.05	5.95
S.D. MED	2.67	1.27	1.40	1.59	1.80	1.80	3.11
U. QUART	5.67	5.62	5.60	5.67	5.75	5.50	5.50
L. QUART	7.53	7.50	6.80	8.50	6.93	7.70	7.03
RANGE	2.23	1.88	1.20	2.63	1.15	2.20	1.53

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JULY, 1966

SITE: NAZON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	115	110	110	110	110	110	120	110
S.D.-MED	5.64	3.54	6.14	6.12	2.86	1.00	9.60	5.67
L QUART	117	107	110	107	105	109	105	105
U QUART	119	112	120	116	110	110	120	115
RANGE	12	5	10	9	5	1	15	10

CHARACTERISTIC. H ES

LONG/MERIC DATA
VERTICAL INCIDENCE

JULY, 1946

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY	HR	805	905	1005	1105	1205	1305	1415	1505
1	110	105	105	105	110	115	105	101	105
2	120	C	105	110	105	105	105	103	105
3	C	109	105	110	104	105	105	110	105
4	110	106	105	105	105	105	105	-	99
5	100	105	105	105	105	105	99	105	105
6	C	110	105	105	101	103	105	105	100
7	C	120	105	110	107	105	105	105	105
8	105	105	105	105	105	105	104	105	105
9	105	105	105	105	105	105	101	105	-
10	107	110	105	105	105	105	105	105	-
11	110	105	105	105	105	105	105	105	C
12	105	105	105	105	105	105	105	105	105
13	105	105	105	105	105	105	105	105	105
14	105	105	105	105	105	105	105	105	105
15	110	105	105	105	105	105	105	105	105
16	105	105	105	105	105	105	105	105	105
17	C	105	105	110	110	105	105	105	105
18	110	105	105	105	105	105	105	105	105
19	105	105	105	105	105	105	105	105	105
20	115	105	105	105	105	105	105	105	105
21	105	105	105	105	105	105	105	105	105
22	105	105	105	105	105	105	105	105	105
23	110	110	110	110	120	115	110	111	111
24	107	105	105	105	105	105	105	105	105
25	105	105	105	105	105	105	105	105	105
26	105	105	105	105	105	105	105	105	105
27	120	105	105	105	105	105	105	105	105
28	105	105	105	105	105	105	105	105	105
29	105	105	105	105	105	105	105	105	105
30	105	105	105	105	105	105	105	105	105
31	120	105	105	105	105	105	105	105	105
MEDIAN	107	105	105	105	105	105	105	105	105
S.D. MED	5.90	4.01	2.05	3.00	3.95	2.47	3.10	3.02	3.10
L QUART	105	105	105	105	105	105	105	105	105
U QUART	110	105	105	105	105	105	105	105	105
RANGE	5	3	3	1	2	1	1	3	1

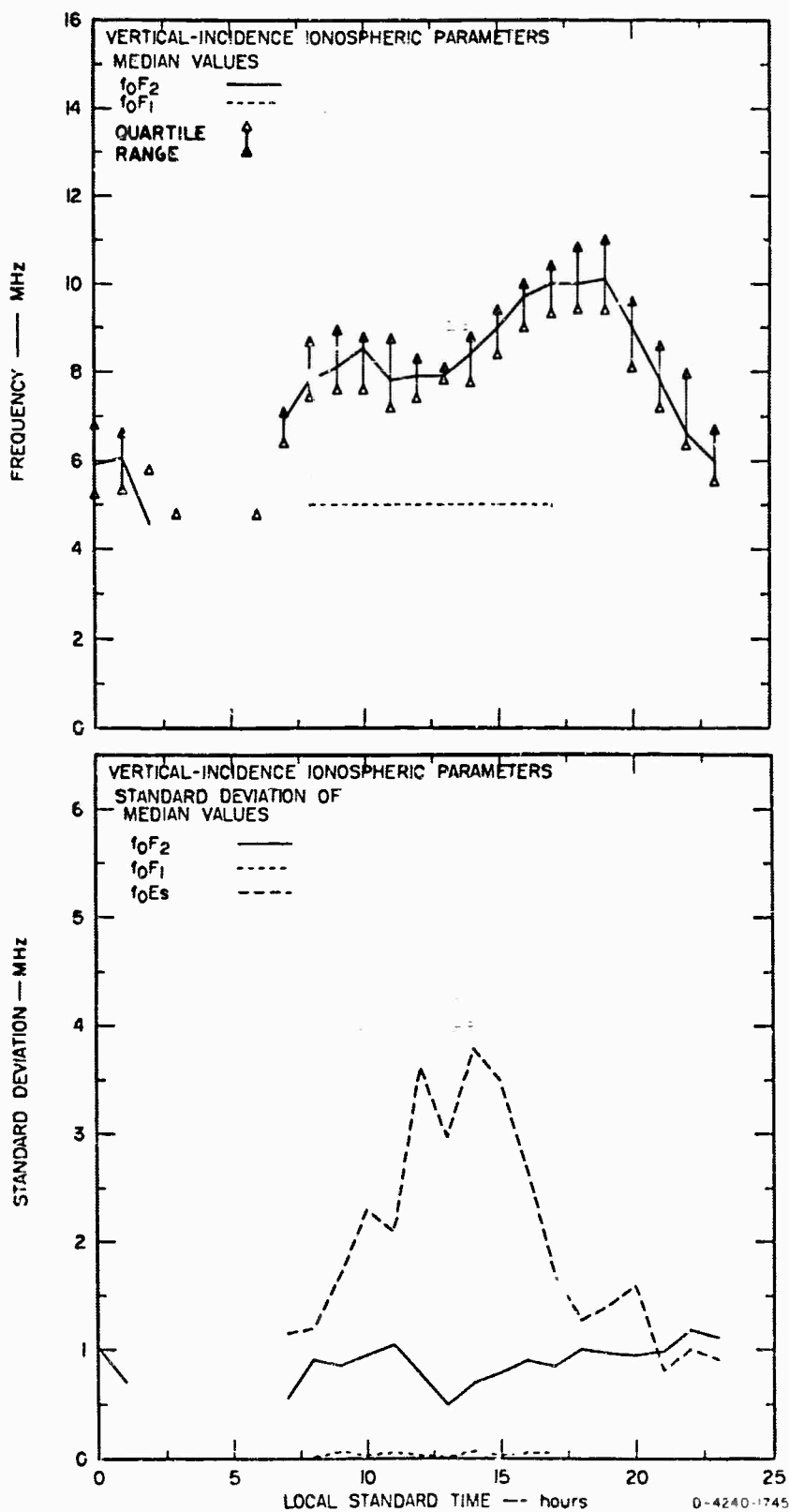
CHARACTERISTIC. N ES

LONG-TERM DATA
VERTICAL INCIDENCE

JULY, 1966

SITE. NALON SALMON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	105	-	100	101	C°	C	C	C
2	105	101	101	-	C°	C	-	-
3	-	101	-	C°	-	C°	-	-
4	102	-	-	-	-	-	-	-
5	101	101	-	-	-	-	-	-
6	105	105	120	117	115	112	-	105°
7	95	120	120	112	-	115	C°	C°
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	105°	100	100	105	101	-	-	120
12	C°	-	101	-	-	-	-	-
13	105	100	101	-	-	-	-	-
14	110	101	101	111	110	115	110	105°
15	120	101	104	107	-	-	C	-
16	110	101	101	101	-	-	-	-
17	105	101	100	-	105	-	-	-
18	-	-	-	101	-	C	-	-
19	C	C	101	101	-	-	-	-
20	100	-	101	105	-	-	-	-
21	105	102	101	101	-	-	110	115
22	-	107	-	C°	-	-	-	120
23	110	105	105	C°	-	-	-	-
24	105	105	105	101	-	-	C°	-
25	101	105	110	100	101	110	-	-
26	5	101	110	C	-	-	-	-
27	100	101	-	-	-	C°	-	-
28	101	101	102	-	-	S	120	-
29	105	-	-	-	-	105	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	120	-	-	-	-
MEDIAN	105	101	101	105	105	112	110	115
S.D. MED	4.82	5.70	7.92	5.17	5.60	3.77	5.71	7.07
L. QUART	101	101	101	101	101	107	110	105
U. QUART	105	105	100	105	112	115	120	120
RANGE	4	4	7	8	11	8	10	15



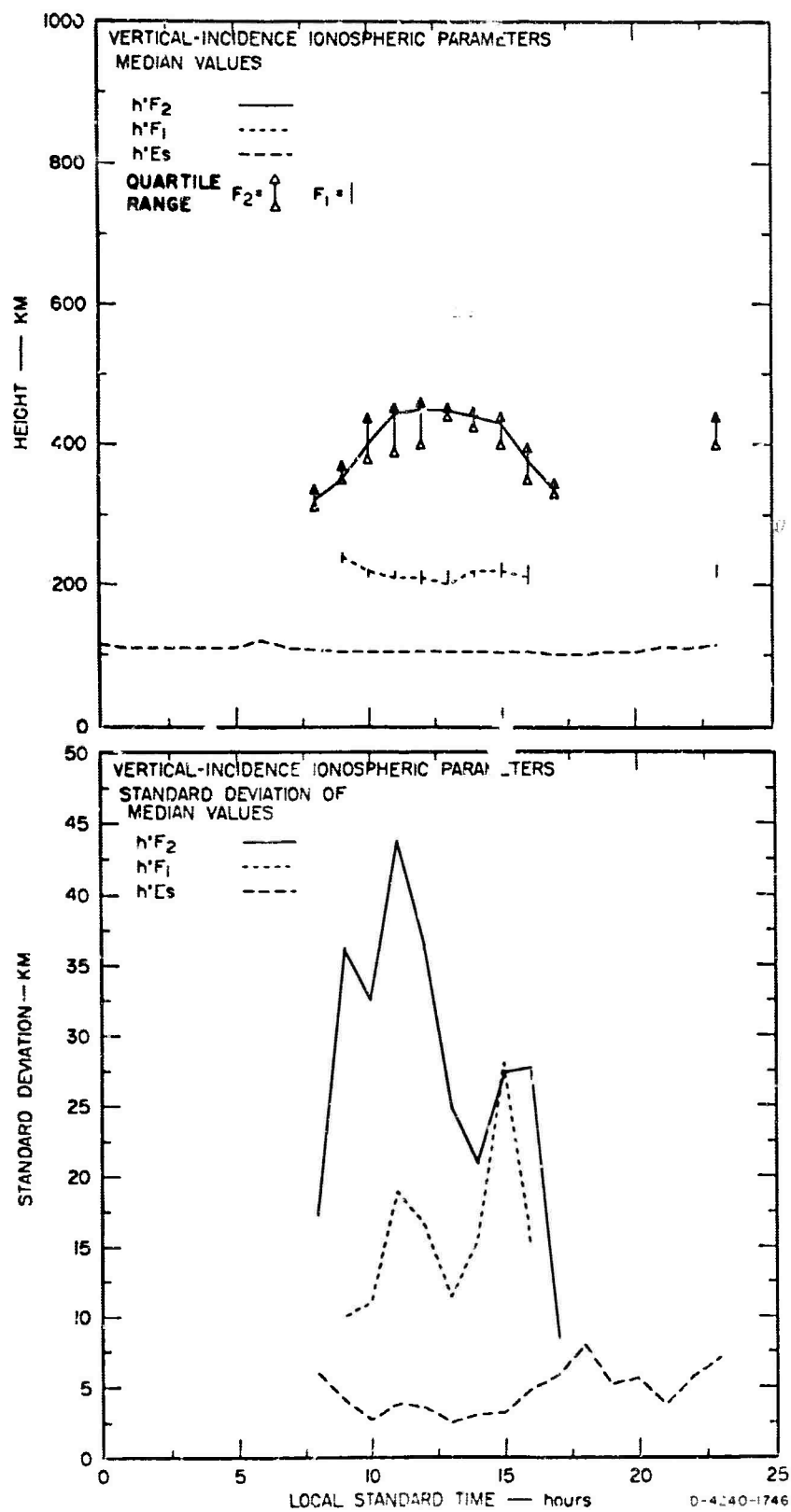


FIG. 21 VIRTUAL HEIGHT SUMMARY, NAKON SAWAN, JULY, 1966

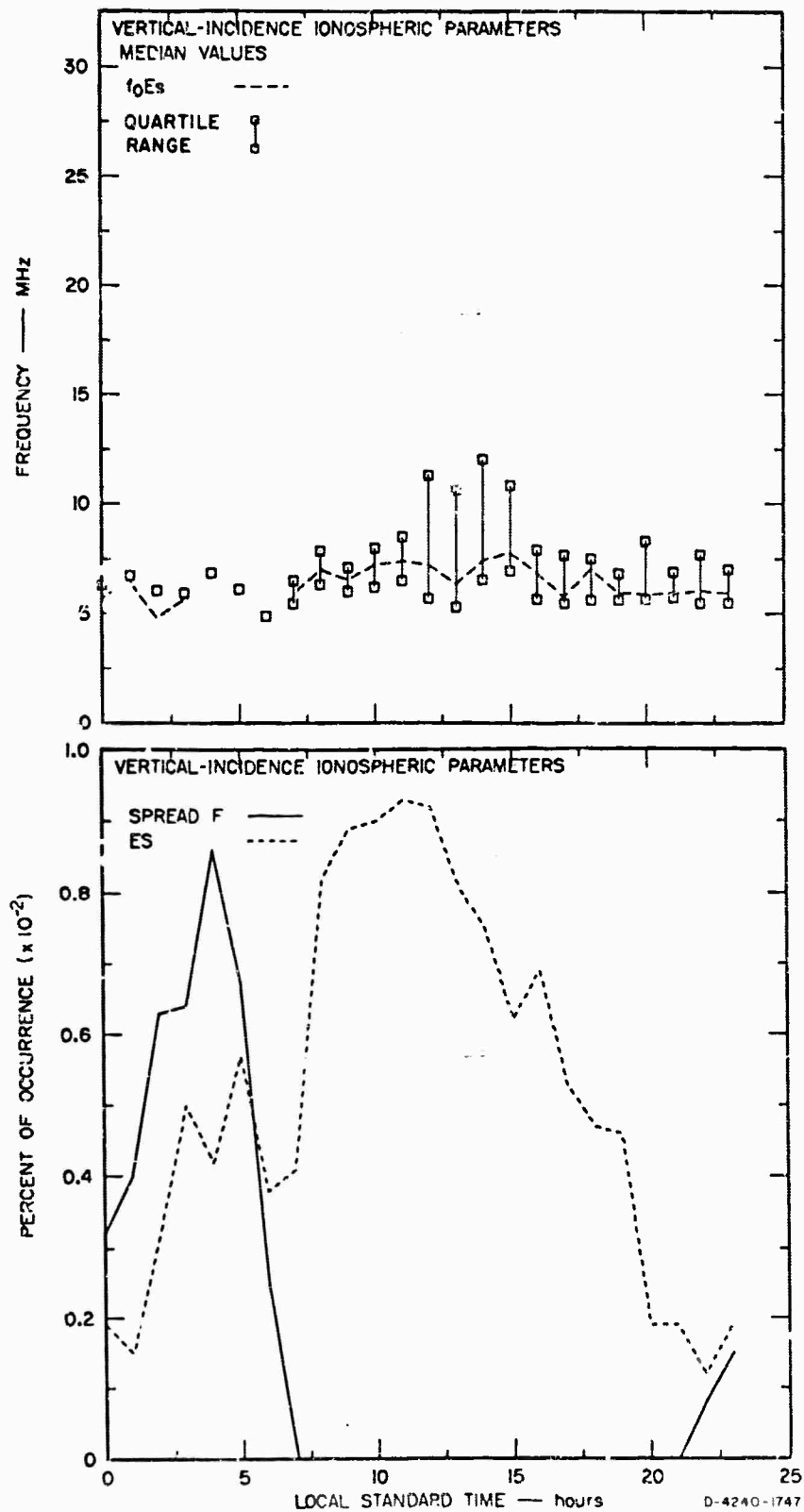


FIG. 22 SPORADIC E AND SPREAD F SUMMARY, NAKHON SAWAN, JULY, 1966

CHARACTERISTIC. FORZ

ATMOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	2P3	3P5	4P5	5P5	6P5	7P5
1	F	F	F	C	C	C	C	6.95
2	7.70	6.45	4.90	C	C	C	C	6.71
3	F	F	F	F	F	C	C	7.05
4	C	F	F	C	C	C	C	7.20
5	9.40R	7.50R	6.40	4.40	C	C	C	8.50
6	C	C	C	C	C	C	C	7.20
7	C	C	C	C	C	C	C	7.90R
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	7.15
10	5.00	5.40	4.90	C	C	C	C	6.36
11	6.50R	5.50	4.50	C	C	C	C	7.20
12	C	C	5.18	C	C	C	C	C
13	C	8.20	C	C	C	C	C	6.41
14	C	C	C	C	C	C	C	C
15	5.18	5.54R	C	C	C	C	C	7.10R
16	C	C	C	C	C	C	C	6.93
17	C	C	C	C	C	C	C	7.55R
18	C	C	C	C	C	C	C	6.50
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	F	C	C	C	C	C	C	8.00
22	5.20	C	C	C	C	C	6.95R	-
MEDIAN	5.09	5.54	4.90	...	...	...	...	7.07
S.D. MED	2.11	1.40	1.71	...	...	...	...	1.61
L QUART	6.51	5.40	5.18	...	...	...	...	6.49
U QUART	6.46	7.30	5.14	...	...	...	...	7.20
RANGE	4.00	2.10	2.00	...	...	...	...	1.80
BLANK	0	1.08	.10	3.00	4.00	2.00	12.00	2.00
ES	0	.08	.20	.20	0	0	.20	.35
SPRD F	.50	.45	.50	.25	0	0	.25	0

CHARACTERISTIC. F072

ATMOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	7.90	8.60R	8.30	9.90R	7.00R	8.10	C	9.20
2	8.10	8.80	8.90R	9.60	9.90	10.90	10.72	10.92
3	8.60		9.20	9.20R	7.70	8.10	8.90	
4	8.92	9.10	9.20	9.20R	9.20R	9.20	9.20	9.20
5	7.70	7.80	8.94	8.25	8.25	8.80	9.20	9.94
6	8.40	C	6.70	7.90R	8.92R	8.60R	C	9.90R
7	7.99	9.92R	9.90R	8.60R	8.20R	8.60R	9.00	9.00R
8	C	C	C	7.50R			9.40R	9.00
9	8.04R	9.00	9.40R	9.00R	9.40	9.40R	9.40	10.00
10	9.03	8.40	9.50	9.00R	9.00R	9.24	10.24	10.00
11	9.12R	C	C	9.00R	8.80R	9.00R	8.80	8.80
12	C	C	C	C	9.84R	10.00	10.10R	9.64R
13	7.97R	8.60R	8.92	8.40		5.70	5.70	9.90R
14	C	9.90R	9.80R	8.72R	8.40R	8.00	C	
15	9.90R	9.90	8.90R	8.72R	8.40	8.60	9.32	10.40
16	9.00	9.00R	8.92R	7.56		9.20	9.80	9.90
17	8.40	7.00R	7.55R			C	C	C
18	8.00R	7.00R	6.40	6.64	7.90R	C	10.02	9.00
19	7.70	C	7.50	8.10R	7.90R	9.00	9.00R	5.00
20	6.93	8.90R	S	S	C	C	C	S
21	7.91	9.04	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
MEDIAN	8.07	9.00	8.84	8.40	8.40	9.00	9.20	9.00
S.D. MED	7.79	7.75	1.09	8.85	7.72	1.75	1.14	1.39
L QUART	7.91	8.60	7.95	7.58	8.00	8.60	9.00	9.20
U QUART	8.92	9.10	9.30	9.00	9.20	9.24	10.02	10.00
RANGE	1.01	.50	1.75	1.42	1.20	.64	1.02	.80
BLANK	0	0	0	0	0	0	0	0
ES	.67	.88	.70	.79	.95	.83	.80	.61
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SAIKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	9.10R	11.20R	11.90R	11.90R	9.00R	9.40R	8.60R	7.74
2	10.00	11.30R	10.40	10.00	10.30R	9.90R	8.60R	8.00
3	7.90R	9.60R	12.20R	10.00	9.00	8.20R	8.60	8.76
4	10.12	11.20R	11.20R	10.04	9.80R	7.80R	6.60	4.90
5	10.16	11.20R	12.16R	12.00R	10.10	8.00R	6.50R	5.22R
6	11.16R	11.24R	12.16R	12.00R	10.20	7.40	7.10	5.90
7	10.20R	10.00	9.90	10.40	10.20	7.00R	5.95	5.00
8	8.00	9.40	11.90R	11.90R	9.80	9.20R	8.20R	6.55R
9	10.66	11.40R	11.30R	11.50R	10.24R	9.60R	8.20R	6.55R
10	9.92	10.00	12.00R	10.80R	10.80R	9.60R	8.20R	6.55R
11	9.10R	10.00	11.40R	10.80R	10.80R	9.40R	8.20R	6.55R
12	9.20	10.00	11.92R	11.40R	10.80R	9.40R	8.20R	6.55R
13	10.00	11.00	10.92	11.40R	10.80R	9.40R	8.20R	6.55R
14	11.00	11.96R	11.30	11.00R	12.00R	9.00	8.00	5.10
15	11.06	10.82R	10.52	13.00R	12.00R	10.52	8.44R	5.90
16	10.06	10.00	11.72R	13.00R	12.00R	7.60R	6.44R	5.90
17	9.10	10.00	12.40R	10.40	9.24	9.20	5.90	5.90
18	10.20	11.30	11.64	11.40	10.24	9.00R	7.60R	6.50
19	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
20	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
21	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
22	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
23	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
24	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
25	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
26	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
27	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
28	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
29	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
30	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
31	10.20	11.00	11.64	11.40	8.36	7.60R	7.60R	6.50
MEDIAN	10.10	11.00	11.64	11.24	9.82	9.00	7.10	6.30
S.D. MED	0.91	0.77	0.74	0.94	0.82	0.93	1.13	0.30
L QUART	9.10	10.00	10.92	10.40	9.40	8.00	5.90	5.10
U QUART	10.00	11.20	11.96	11.90R	10.24	9.40	8.20	7.74
RANGE	1.70	1.20	1.04	1.50	0.84	1.40	2.21	2.64
BLANK	0	0	0	0	0	0	0	0
ES	0	0	0	0	0	0	0	0
S-20 F	0	0	0	0	0	0	0	0

CHARACTERISTIC. H F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAJON SAJON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	-	-	-	C	360
2	-	320	333	400	400	400	369	410
3	-	-	450	440	-	-	400	-
4	-	-	480	400	364	420	395	400
5	-	300	405	-	-	-	-	396
6	-	C	450	-	-	300	C	410
7	-	350	350	410	440	440	430	360
8	-	C	C	-	-	-	405	-
9	-	360	395	-	400	400	390	390
10	300	360	350	400	400	410	370	340
11	-	C	C	C	440	440	400	365
12	-	300	369	374	400	302	300	-
13	-	-	340	450	-	-	-	-
14	-	-	400	-	452	412	-	-
15	-	350	400	-	-	-	-	-
16	-	-	400	300	409	391	300	-
17	-	-	-	-	-	-	-	C
18	-	340	-	410	446	C	C	C
19	570	C	440	570	C	C	300	-
20	-	-	S	S	300	300	350	S
21	-	-	C	C	C	C	C	C
22	-	C	C	C	C	C	C	C
MEDIAN	..	395	304	400	400	400	304	365
S.D. MED	..	10.71	37.03	25.43	25.15	25.31	20.79	27.11
L QUART	..	345	350	300	300	302	375	395
U QUART	..	370	412	410	440	420	400	405
RANGE	..	25	52	22	50	50	25	50

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	350	C ¹	C ¹	-	-	-	-	-
2	370	350	-	-	-	-	-	-
3	470	350	-	-	-	-	-	-
4	410	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	530	-	-	-	-	-	-	-
7	340	-	-	-	-	-	-	-
8	330	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	400	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	350	320	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	370	350	-	-	-	-	-	-
S.D. MED	27.94	17.32	-	-	-	-	-	-
L QUART	345	320	-	-	-	-	-	-
U QUART	400	350	-	-	-	-	-	-
RANGE	55	30	-	-	-	-	-	-

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAJON SAJON
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	25	30	40	50	60	70
1	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F
MEDIAN										
S.D.										
Q1										
Q3										
RANGE										

CHARACTERISTIC. F051

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	905	305	1005	1105	1205	1305	1405	1505
1	-	5.00	5.00	5.00	5.00	5.05	5.01	5.00
2	-	5.00	5.00	5.01	5.01	5.05	5.02	5.00
3	-	5.00	5.00	5.05	5.01	5.00	5.00	5.00
4	-	5.00	5.00	5.00	5.00	5.01	5.01	5.01
5	-	5.00	5.00	5.00	5.00	5.01	5.02	5.04
6	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
7	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
8	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
9	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
10	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
11	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
13	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
14	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
15	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
16	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
17	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
18	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
19	5.05	5.00	5.00	5.00	5.00	5.00	5.00	5.00
20	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
21	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
22	-	5.00	5.00	5.00	5.00	5.00	5.00	5.00
MEDIAN	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00
S.D. MED	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00
L QUART	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00
U QUART	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00
RANGE	..	5.00	5.00	5.00	5.00	5.00	5.00	5.00

CHARACTERISTIC. PPT

IONOSPHERIC DATA
VERTICAL INCIDENCE
FREQ., 1966

SITE, NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	5.01	5.00	5.00	5.00	5.00	5.00	5.00	5.00
2	5.01	5.00	5.00	5.00	5.00	5.00	5.00	5.00
3	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
4	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
5	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
6	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
7	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
8	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
9	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
10	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
11	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
12	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
13	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
14	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
15	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
16	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
17	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
18	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
19	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
20	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
21	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
22	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
23	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
24	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
25	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
26	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
27	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
28	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
29	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
30	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
31	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
MEDIAN	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
S.D.	5.02	5.03	5.03	5.03	5.03	5.03	5.03	5.03
L QUART	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
U QUART	5.01	5.05	5.05	5.05	5.05	5.05	5.05	5.05
RANGE	.01	.05	.05	.05	.05	.05	.05	.05

CHARACTERISTIC. H FOF1

ATMOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAJON SAJON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	F
2	E	E	E	E	E	E	E	E
3	E	E	E	E	E	E	E	E
4	E	E	E	E	E	E	E	E
5	E	E	E	E	E	E	E	E
6	E	E	E	E	E	E	E	E
7	E	E	E	E	E	E	E	E
8	E	E	E	E	E	E	E	E
9	E	E	E	E	E	E	E	E
10	E	E	E	E	E	E	E	E
11	E	E	E	E	E	E	E	E
12	E	E	E	E	E	E	E	E
13	E	E	E	E	E	E	E	E
14	E	E	E	E	E	E	E	E
15	E	E	E	E	E	E	E	E
16	E	E	E	E	E	E	E	E
17	E	E	E	E	E	E	E	E
18	E	E	E	E	E	E	E	E
19	E	E	E	E	E	E	E	E
20	E	E	E	E	E	E	E	E
21	E	E	E	E	E	E	E	E
22	E	E	E	E	E	E	E	E
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. W FOF1

ATMOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAZOM SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	-	-	-	-	-
2	-	-	220	210	210	210	210	220
3	-	-	210	210	-	210	220	-
4	-	-	222	-	-	-	-	-
5	-	-	-	-	-	210	-	-
6	-	-	-	-	-	210	-	-
7	-	-	220	212	210	210	210	224
8	-	-	-	-	-	-	-	-
9	-	-	-	-	210	210	220	254
10	-	-	-	-	210	-	215	210
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	236	210	-	-	-	-
14	-	-	204	210	-	-	-	-
15	-	-	-	224	-	-	-	-
16	-	-	215	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	210	200	-	-	-
19	-	-	210	-	-	-	-	-
20	-	-	5	5	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
MEDIAN	0	0	219	210	210	210	210	222
3. MED	0	0	212	210	210	210	210	215
L QUART	0	0	212	210	210	210	210	220
U QUART	0	0	221	216	210	210	220	229
RANGE	0	0	9	6	0	0	10	14

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	250	C	C	-	-	-	-	-
2	230	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..
L QUART	..	..	..	..	..	..	..	..
U QUART	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
AUG., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	25	30	40	50	60	70
1	F	F	F	F	F	F	F	F	F	-
2	F	F	F	F	F	F	F	F	F	-
3	F	F	F	F	F	F	F	F	F	-
4	F	F	F	F	F	F	F	F	F	5.72
5	F	F	F	F	F	F	F	F	F	7.50L
6	F	F	F	F	F	F	F	F	F	-
7	F	F	F	F	F	F	F	F	F	-
8	F	F	F	F	F	F	F	F	F	-
9	F	F	F	F	F	F	F	F	F	3.74L
10	F	F	F	F	F	F	F	F	F	-
11	F	F	F	F	F	F	F	F	F	-
12	F	F	F	F	F	F	F	F	F	-
13	F	F	F	F	F	F	F	F	F	6.95L
14	F	F	F	F	F	F	F	F	F	5.85L
15	F	F	F	F	F	F	F	F	F	-
16	F	F	F	F	F	F	F	F	F	-
17	F	F	F	F	F	F	F	F	F	-
18	F	F	F	F	F	F	F	F	F	-
19	F	F	F	F	F	F	F	F	F	-
20	F	F	F	F	F	F	F	F	F	5.00L
21	F	F	F	F	F	F	F	F	F	-
22	F	F	F	F	F	F	F	F	F	5.73
										1.93
										6.40
										5.89
MEDIAN	...	...	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...	...	...
L. QUART	...	...	...	...	...	...	...	...	...	...
U. QUART	...	...	...	...	...	...	...	...	...	...
RANGE	0	...	...	...	...	...	...	...	...	...

CHARACTERISTIC. F005

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SALON
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	7.00L	0.20L	19.90Q	15.00Q	7.70L	15.40Q	C	6.50L
2	5.55L	6.50L	7.00L	6.50L	5.45L	4.90L	C	11.00Q
3	5.90L	11.54Q	7.00L	6.60L	5.90L	10.92Q	11.00Q	11.00Q
4	-	7.10L	0.00L	8.00L	7.00L	9.00L	9.40L	5.00L
5	5.00L	5.00L	7.00L	11.50Q	13.00Q	16.00Q	11.70Q	11.00L
6	7.50L	C	13.40Q	0.00L	6.42L	7.00L	C	7.50L
7	5.90L	6.00L	C	-	4.70L	-	5.10L	-
8	C	C	C	15.60Q	11.20Q	11.40Q	11.40Q	15.40Q
9	-	5.66L	7.10L	9.40L	5.55L	5.60L	5.90L	-
10	-	7.50L	9.00L	11.20Q	12.40Q	7.00L	11.00Q	-
11	7.00L	C	C	C	4.80L	6.40L	12.20Q	-
12	C	C	C	C	6.90L	4.00L	6.74L	13.92Q
13	-	7.20L	11.00L	7.60L	19.96Q	16.00Q	6.55L	16.00Q
14	C	5.06L	11.00L	9.12L	7.50L	7.12L	C	16.00Q
15	5.95L	6.66L	9.74L	13.10Q	15.20Q	7.70L	12.60Q	10.00L
16	7.10L	6.99L	7.00L	6.00L	4.80L	-	-	8.00L
17	9.40L	10.84L	9.00L	12.24Q	11.40Q	15.90Q	15.00Q	C
18	-	5.92L	-	-	C	C	C	C
19	6.25L	C	-	-	C	C	5.70L	-
20	5.15L	-	6.00L	5.25L	7.60L	C*	6.60L	S
21	-	-	-	C	C	C	C	C
22	C	C	-	-	C	-	-	-
MEDIAN	6.22	6.92	8.07	9.12	7.25	7.00	10.20	11.00
S.D. MED	1.21	1.81	3.53	3.20	4.24	4.55	3.21	3.71
L QUART	5.87	6.50	7.10	6.66	5.55	6.40	6.55	7.30
U QUART	7.30	7.50	11.00	12.24	11.40	15.40	11.00	15.40
RANGE	1.43	1.50	3.90	5.58	5.85	9.00	5.25	8.10

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. HUKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	5.70L	C°	C°	6.00F	-	-	-	-
2	-	-	5.65F	7.02F	-	-	-	-
3	-	-	-	-	-	-	-	-
4	9.88L	5.80L	5.70F	5.90F	-	-	-	-
5	9.00L	-	5.60F	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	8.76L	6.60L	-	-	-	-	-	-
8	4.50L	-	-	-	-	-	-	-
9	6.94L	9.00L	8.94F	6.66F	-	-	-	-
10	5.60L	5.00L	5.00F	-	-	-	-	-
11	7.00L	5.00L	-	-	-	-	-	-
12	7.96L	5.55L	-	-	-	-	-	-
13	11.96Q	10.20L	5.88F	8.40F	7.90F	7.00F	7.10F	-
14	12.36Q	11.40L	7.92F	6.60F	-	-	-	-
15	7.15L	-	6.60F	5.26F	-	-	-	-
16	7.20L	-	5.30F	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	4.90L	4.90L	-	6.98F	-	7.15F	-	-
19	-	-	-	N	-	-	-	-
20	-	-	5.60F	6.62F	-	5.80F	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	7.17	6.20	5.67	6.62	..	7.00	..	8.00
S.D. MED	2.56	2.62	1.31	5.83	..	5.70	..	8.00
U. QUART	5.70	5.27	5.60	5.95	..	7.00	..	8.00
U. QUART	8.76	9.50	6.60	7.00	..	7.15	..	8.00
RAISE	5.66	4.33	6.60	1.55	..	1.55	..	8.00

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	MEDIAN	S.D.	MED	L QUART	U QUART	RANGE
105	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	106.5	..	..	..	..	..
205	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	115	..	..	..	..	..
305	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	110	..	..	..	..	..
405	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	110	..	..	..	..	..
505	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	100	..	..	..	..	..
605	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	105	..	..	..	..	..
705	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	105	..	..	..	..	..
																								109	3.96	105	111	6	

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

A" 1966

SITE: NAYON SAHON
LOCAL STANDARD TIME

DAY /HR	0000	0600	1200	1800	2400
1	105	106	105	105	105
2	110	107	105	105	105
3	106	103	105	105	105
4	112	110	104	105	105
5	104	105	105	105	105
6	104	105	105	105	105
7	104	108	105	105	105
8	105	108	105	105	105
9	105	105	105	105	105
10	105	104	105	105	105
11	108	105	104	105	105
12	105	104	105	105	105
13	105	104	105	105	105
14	105	106	105	105	105
15	110	104	105	105	105
16	102	105	105	105	105
17	106	105	105	105	105
18	105	105	105	105	105
19	105	105	105	105	105
20	110	105	105	105	105
21	105	105	105	105	105
22	105	105	105	105	105
MEDIAN	106	105	105	105	105
S.D. MED	3.03	1.03	3.07	2.46	1.54
L QUART	105	104	104	102	101
U QUART	110	106	105	105	105
RANGE	5	2	1	3	4

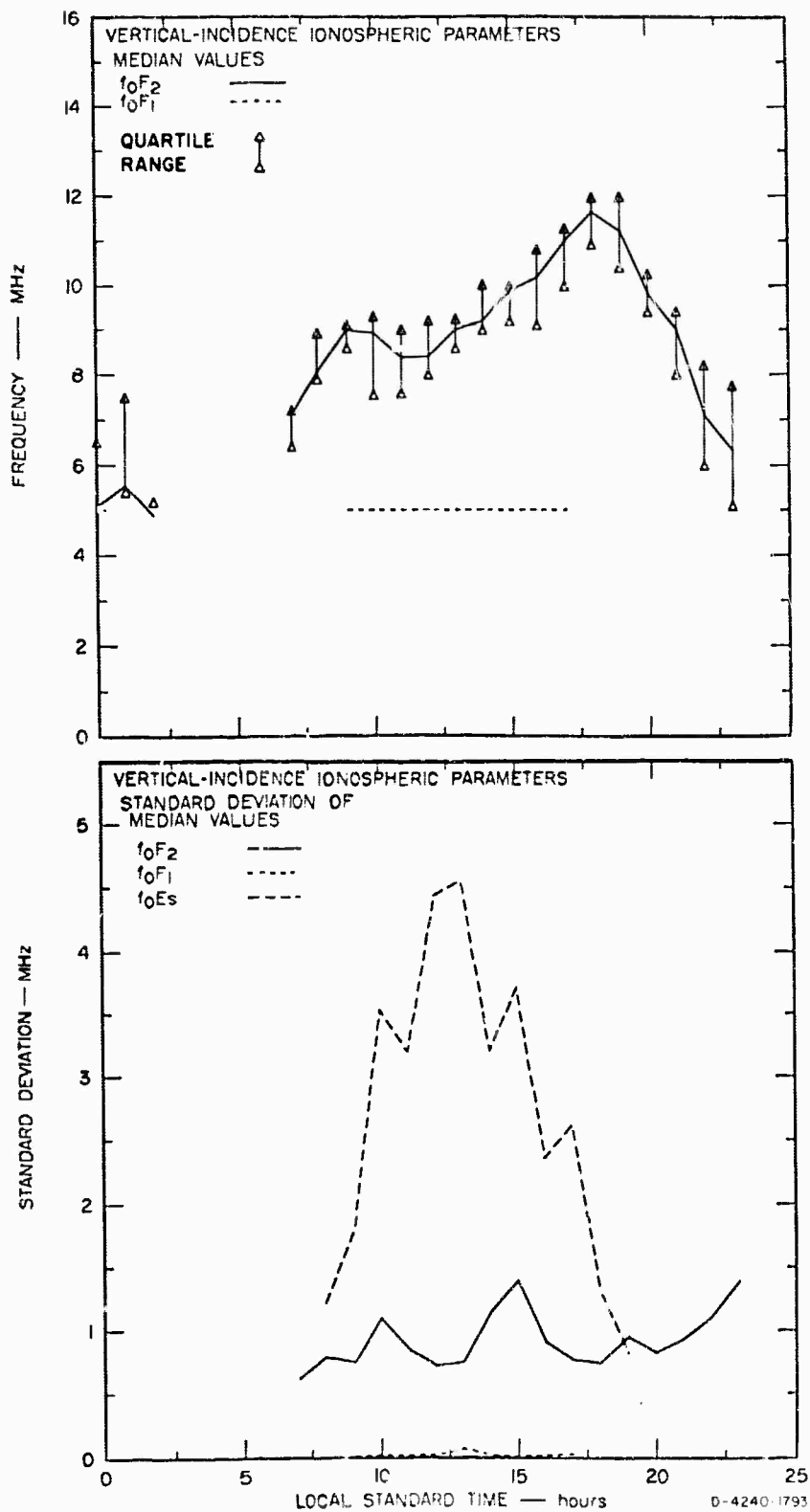
CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

AUG., 1966

SITE: NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	162	C ^o	C ^o	101	-	-	-	-
2	-	-	116	100	-	-	-	-
3	-	-	105	105	-	-	-	-
4	100	100	101	-	-	-	-	-
5	101	101	-	-	-	-	-	-
6	-	101	-	-	-	-	-	-
7	100	101	-	-	-	-	-	-
8	100	102	102	-	-	-	-	-
9	106	100	100	101	-	-	-	-
10	103	102	100	101	-	-	-	-
11	103	100	102	101	-	-	-	-
12	102	100	102	101	-	-	-	-
13	103	100	102	101	-	-	-	-
14	101	100	101	101	-	-	-	-
15	102	100	101	101	-	-	-	-
16	102	100	101	101	-	-	-	-
17	102	100	101	101	-	-	-	-
18	103	103	101	101	-	-	-	-
19	103	103	101	101	-	-	-	-
20	103	103	101	101	-	-	-	-
21	103	103	101	101	-	-	-	-
22	103	103	101	101	-	-	-	-
23	103	103	101	101	-	-	-	-
24	103	103	101	101	-	-	-	-
25	103	103	101	101	-	-	-	-
26	103	103	101	101	-	-	-	-
27	103	103	101	101	-	-	-	-
28	103	103	101	101	-	-	-	-
29	103	103	101	101	-	-	-	-
30	103	103	101	101	-	-	-	-
31	103	103	101	101	-	-	-	-
MEDIAN	102	102	101	105	105	105	105	105
S.D.-MED	1.54	4.11	6.26	5.28	3.07	3.07	3.07	3.07
L QUART	101	101	101	101	101	101	101	101
U QUART	103	106	105	108	111	111	111	111
RANGE	2	5	4	7	6	6	6	6



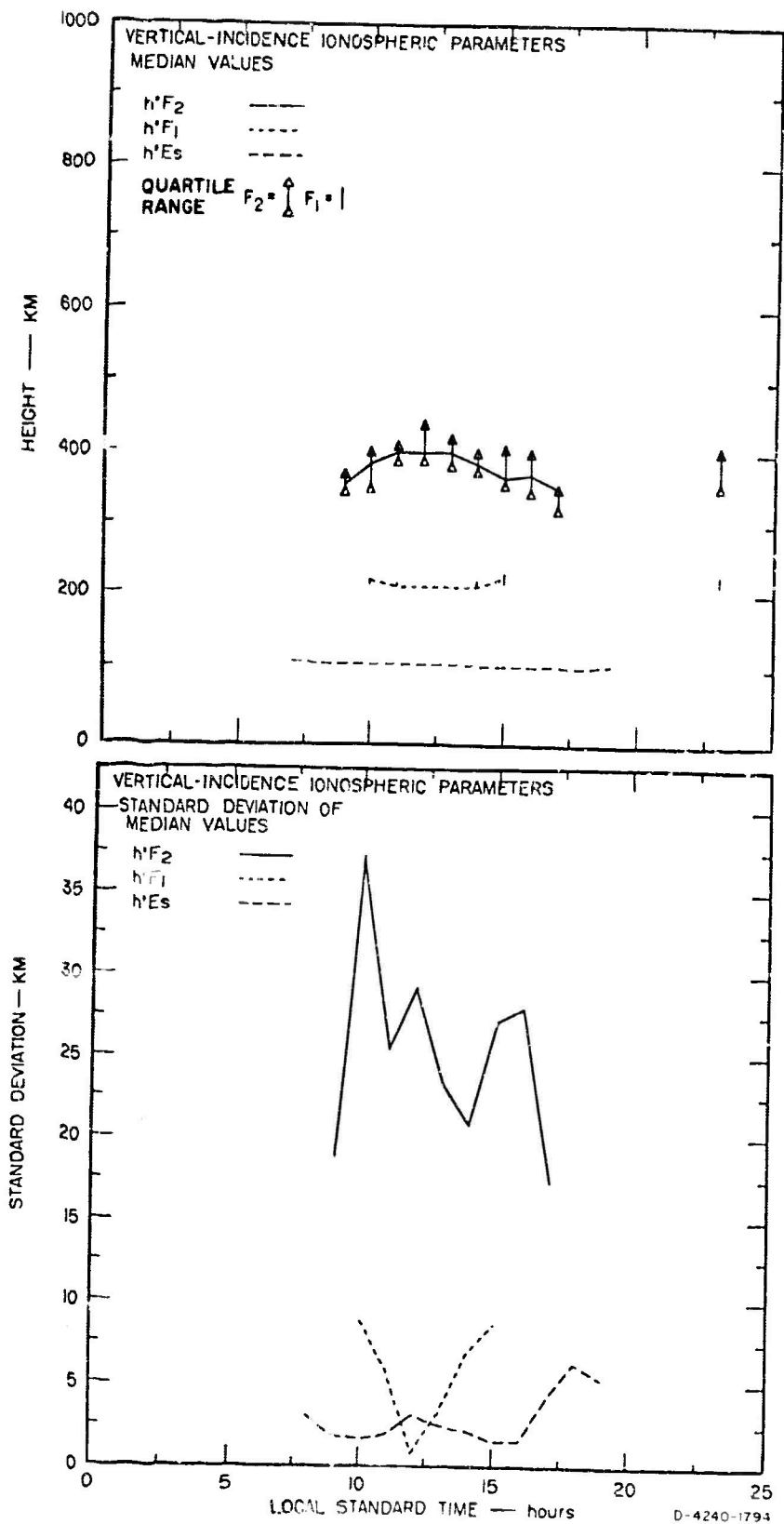


FIG. 24. VIRTUAL HEIGHT SUMMARY, NAKHON SAWAN, 1966

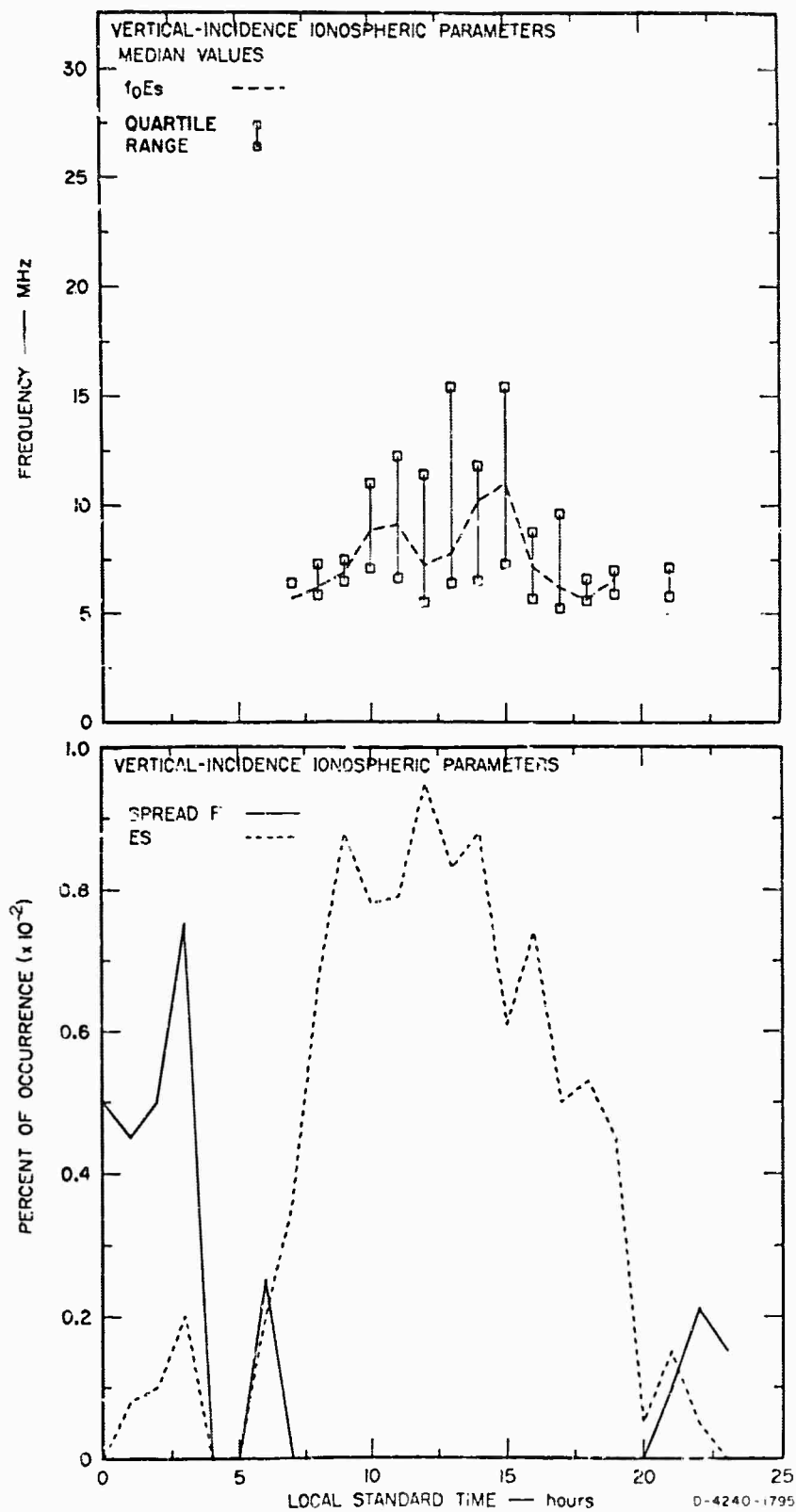


FIG. 25 SPORADIC E AND SPREAD F SUMMARY, NAKHON SAWAN, AUGUST, 1966

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	5.30	4.06	5.14	5.00	5.00	5.20	5.00	7.70R
11	5.40	6.70	5.80R	5.00	5.00	5.20	5.00	7.50
12	5.40	4.06	5.00	5.00	5.00	5.20	5.00	6.00
13	7.00R	6.20	5.40	5.00	5.00	5.20	5.00	6.00
14	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
15	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
16	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
17	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
18	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
19	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
20	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
21	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
22	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
23	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
24	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
25	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
26	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
27	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
28	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
29	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
30	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
31	7.00R	5.25	5.40	5.00	5.00	5.20	5.00	7.00
MEDIAN	7.44	7.30	6.44	5.00	5.00	5.00	5.00	6.00
S.D.F2	1.45	1.03	1.44	0.00	0.00	0.00	0.00	0.00
U QUANT	5.50	5.52	5.12	0.00	0.00	0.00	0.00	0.00
L QUANT	5.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00
PLANE	5.30	5.00	5.00	0.00	0.00	0.00	0.00	0.00
BLANK	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
SP20 F	.35	.12	.07	0.00	0.00	0.00	0.00	0.00

CHARACTERISTICS: F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE: NALON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	9.08	9.76	9.64R	9.60R	9.96	9.28	9.84	9.94
10	9.10	9.80	9.80	9.08	9.10	9.20	9.10	10.00
11	9.90R	10.00	9.80	9.08	9.30	9.55	9.20	9.80
12	9.35R	9.72R	7.55R	9.40R	9.10	9.60R	9.24R	9.60
13	9.60R	C	C	C	9.10	9.02	9.08	9.20
14	7.60	9.10	7.56R	7.65R	9.00	10.00	9.10	11.22
15	9.10	9.20R	9.00	9.00	9.05	10.00	10.60	10.50
16	9.20R	9.20	9.60R	9.40	9.40	9.00	10.60	10.00
17	9.10	9.20	9.60R	9.60R	9.40	9.10R	9.00	10.00
18	9.02	9.20R	9.40R	9.70R	9.10	9.40R	9.00	10.00
19	9.10	9.20	9.50R	9.70	9.40	9.40R	9.10	9.90
20	9.10	10.60	10.60	9.40	9.60	C	9.90	10.90
21	9.10	C	C	C	C	C	C	C
22	7.05	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	9.00R	10.20R	10.60	9.50	10.60R	11.40R	12.40R
27	9.00	11.20R	10.40R	9.20	9.50	9.80R	11.40	13.40
28	9.30	10.80	10.02	9.10	9.50	9.00	11.20R	C
29	7.60	9.50	10.40R	9.00	9.20	9.40	10.00	11.02
30								
MEDIAN	9.60	9.20	9.04	9.30	9.95	9.10	9.86	10.00
S.D. MED	0.74	0.90	0.99	0.81	0.66	0.70	0.65	1.15
L. QUART	9.01	9.55	9.31	9.00	9.40	9.75	9.95	9.92
U. QUART	9.15	10.25	10.30	9.20	9.10	9.60	10.50	11.56
RANGE	1.14	1.20	1.99	1.20	0.70	0.85	1.05	1.44
BLANK	0	0	0	0	0	0	0	0
ES	.47	.76	.81	.70	.60	.55	.65	.40
SPD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE: NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	11.00	12.20R	11.80R	11.20R	10.76R	10.40	8.64R	6.30R
9	11.20	11.60	12.00R	C	10.20	9.20	6.85	4.90
10	11.00	11.52	12.00R	12.20R	10.20	10.20	10.20	8.06
11	12.40R	12.80	9.20	10.10	11.20	8.92	7.20	5.90
12	10.60	10.60	11.32	11.90R	10.80	9.60R	8.30R	7.70
13	11.10	12.00R	13.10	10.40	9.44	9.12	8.40	8.92
14	12.20R	12.40R	12.16R	12.60R	13.00R	9.70R	8.90R	7.70R
15	11.90	13.70	11.80	11.12	11.20	7.65R	5.20	5.10R
16	11.90	13.70	13.44	11.10	9.52R	9.30	8.00R	6.00
17	11.50	12.60R	11.20	11.10R	F	F	F	F
18	11.10	12.80R	12.00R	11.20R	10.80	9.62	8.90	7.90R
19	11.00	11.40	12.00R	11.30R	11.00	10.00R	8.90	8.70R
20	10.60	11.30	12.60R	11.80R	F	F	F	F
21	11.20	11.90	11.50R	12.20	10.16R	F	F	F
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	11.00R	11.10R	11.30	11.20R	10.90R	9.90R	9.30R	9.10
26	13.22	11.02	11.80R	11.20	11.30R	11.40	10.80	10.20
27	13.20	12.60R	11.90R	11.60R	12.30R	12.00R	10.90	10.60
28	11.80	10.10	11.20R	11.30R	11.50R	11.80R	10.20R	8.80
29	12.90R	12.40R	12.60R	11.80R	11.10R	11.10	F	F
30								
MEDIAN	11.95	12.20	11.93	11.30	10.89	9.94	8.80	7.97
S.D. MED	1.86	1.87	1.87	1.59	1.69	1.20	1.50	1.66
LOWART	11.10	11.52	11.40	11.12	10.18	9.25	8.00	6.00
U QUART	12.20	12.80	12.16	11.82	11.20	10.55	10.00	8.92
RANGE	1.24	1.28	1.76	1.70	1.32	1.50	2.00	2.92
BLANK	0	0	0	0	0	0	0	0
ES	0	0	0	0	0	0	0	0
SPD F	0	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1946

SITE. WAGON SALON

第 1 卷

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203

205

567

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MEDIAN
S.I. MED
L. QUART
U. QUART
RANGE



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CHARACTERISTIC. M F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
31	U	U	U	U	U	U	U	U
MEDIAN	345	345	352	364	360	370	378	350
S.D. MED	16.20	16.20	26.59	24.34	35.95	27.05	34.36	21.79
L. QUART	327	327	351	350	340	350	330	322
U. QUART	357	357	366	380	380	400	382	350
RANGE	30	30	16	30	40	50	52	28

CHARACTERISTIC. H F0F2

LONGSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
2	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
3	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
4	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
5	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
6	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
7	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
8	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
9	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
10	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
11	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
12	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
13	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
14	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
15	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
16	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
17	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
18	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
19	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
20	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
21	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
22	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
23	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
24	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
25	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
26	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
27	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
28	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
29	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
30	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
MEDIAN	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
S.D.MED	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
L QUART	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
U QUART	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
RANGE	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT.. 1966

SITE: NAKON SAWON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
2	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
3	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
4	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
5	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
6	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
7	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
8	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
9	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
10	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
11	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
12	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
13	3.00	00000000	00000000	00000000	00000000	00000000	00000000	00000000
14	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
15	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
16	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
17	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
18	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
19	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
20	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
21	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
22	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
23	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
24	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
25	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
26	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
27	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
28	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
29	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
30	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
31	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
MEDIAN	..	000000	000000	000000	000000	000000	000000	000000
S.D. MED	..	000000	000000	000000	000000	000000	000000	000000
L. QUART	..	000000	000000	000000	000000	000000	000000	000000
U. QUART	..	000000	000000	000000	000000	000000	000000	000000
RANGE	..	000000	000000	000000	000000	000000	000000	000000

SEP. 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	
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MEDIAN
S.D. MED
L QUART
U QUART
RAISE

[illegible]

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	945	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
DIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

IGNOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. NAKOM SAKON
LOCAL STANDARD TIME

5-31 MW 16-3

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

**MEDIAN
S.D.V.D
L QUART
U QUART
RANGE**

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERICAL INCIDENCE

SEPT., 1966

STATION: NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	515	605	705
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MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	6.52L	6.16L	6.35L	8.20L	14.00Q	16.52Q	16.20Q	8.60L
10	3.70L	5.00L	4.80L	11.52Q	C	12.00Q	9.06L	9.96L
11	6.60L	7.95L	14.20Q	C	C	5.80L	7.40L	8.10L
12	5.70L	C	12.24Q	11.00Q	11.00Q	6.90L	C	C
13	C	C	C	5.92L	5.92L	11.12Q	7.24L	C
14	C	6.65L	11.76Q	7.50L	5.80L	6.00L	7.40L	C
15	7.00L	5.60L	8.00L	7.55L	7.50L	11.20Q	7.50L	C
16	6.55L	7.70L	10.10L	7.50L	10.10L	11.54Q	11.20Q	C
17	C	C	8.40L	C	C	C	8.00L	7.20L
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	6.85L	6.55L	6.60L	6.65L	11.80Q	6.45L	C	7.95L
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	7.50L	6.20L	7.50L	C	C	9.90L	6.50L
27	C	7.00L	6.66L	6.54L	C	C	7.00L	C
28	C	7.97L	6.66L	6.56L	C	C	7.90L	C
29	6.86L	7.15L	7.15L	14.60Q	8.00L	7.40L	C	7.95L
30	C	8.00L	C	C	7.80L	C	4.75L	C
31	C	C	C	C	C	C	C	C
MEDIAN	6.57	7.06	8.00	7.96	8.00	7.40	7.90	7.95
S.D. MED	4.48	6.95	2.82	2.51	3.05	4.11	2.97	2.97
U QUART	6.11	6.35	6.51	6.54	6.61	6.22	7.24	7.30
U QUART	6.85	7.82	10.20	10.20	11.40	11.22	9.30	8.35
RANGE	7.1	1.7	4.5	3.24	4.7	5.5	2.66	1.05

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEP7.. 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	8.80L	7.95L	U	U	9.40F	U	U	U
11	11.60L	6.94L	U	U	U	U	U	U
12	6.00L	7.70L	U	U	U	U	U	U
13	7.00L	11.20U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	5.02L	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	7.80L	6.90L	7.70F	U	U	11.40F	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	5.00L	7.10L	9.20F	6.00F	5.96F	U	U	U
27	U	6.51L	U	7.25F	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U
31	U	U	U	U	U	U	U	U
MEDIAN	7.00	7.70	..	..	..	..	..	..
S.D. MED	2.20	1.52	..	..	..	..	..	..
L QUART	5.02	6.96	..	..	..	..	..	..
U QUART	8.60	8.94	..	..	..	..	..	..
RANGE	3.79	1.96	..	..	..	..	..	..

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

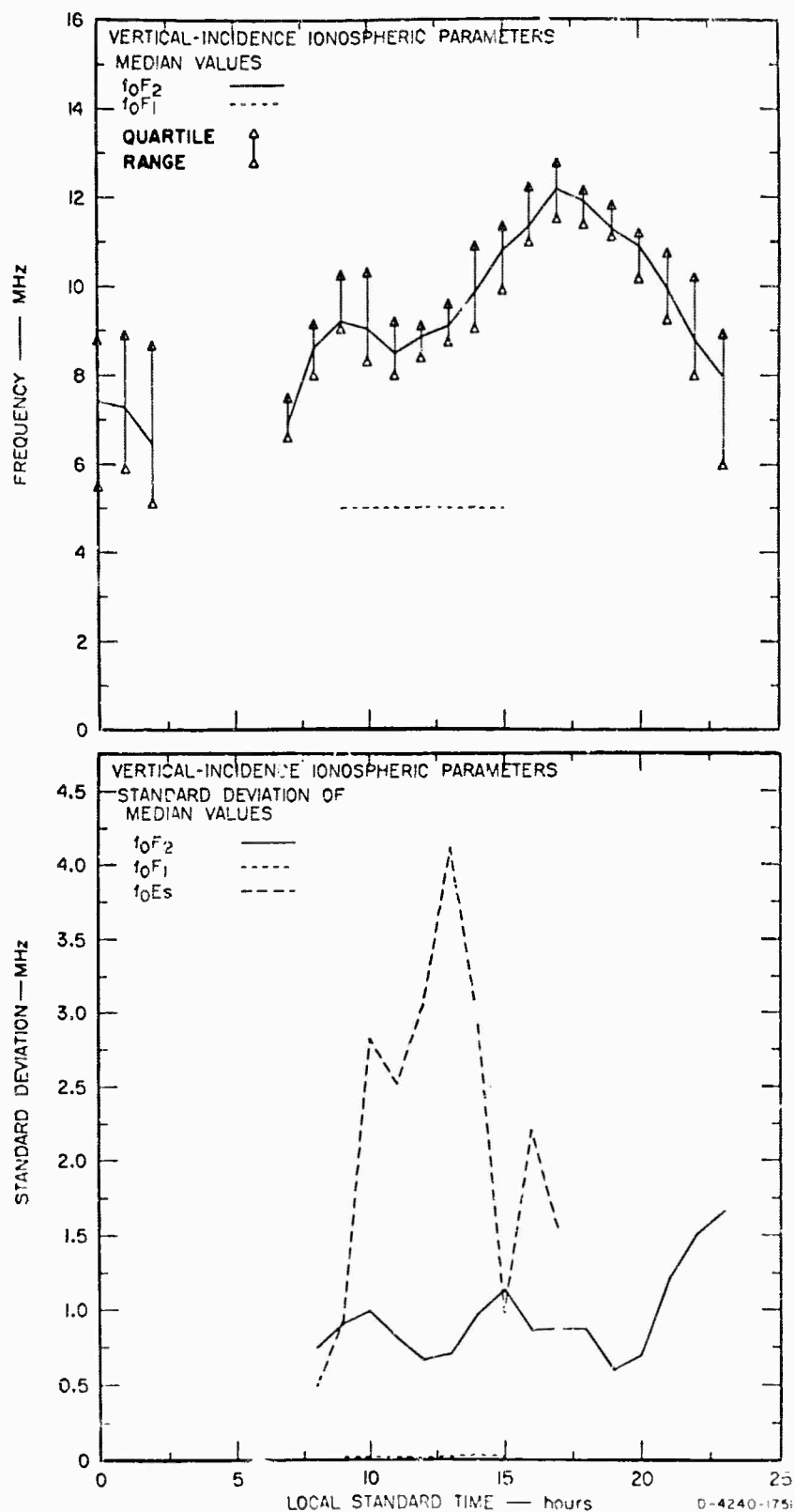
DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
2	1105	1105	1105	105	104	104	104	101
3	104	105	105	102	98	100	101	102
4	100	100	105	110	103	102	105	102
5	105	100	104	102	102	104	102	105
6	100	105	101	101	102	101	102	105
7	105	102	100	102	115	111	105	105
8	100	102	110	102	101	101	105	101
9	105	102	105	102	102	101	105	102
10	100	102	105	102	102	101	105	102
11	105	102	105	102	102	101	105	102
12	100	102	105	102	102	101	105	102
13	105	102	105	102	102	101	105	102
14	100	102	105	102	102	101	105	102
15	105	102	105	102	102	101	105	102
16	100	102	105	102	102	101	105	102
17	105	102	105	102	102	101	105	102
18	100	102	105	102	102	101	105	102
19	105	102	105	102	102	101	105	102
20	100	102	105	102	102	101	105	102
21	105	102	105	102	102	101	105	102
22	100	102	105	102	102	101	105	102
23	105	102	105	102	102	101	105	102
24	100	102	105	102	102	101	105	102
25	105	102	105	102	102	101	105	102
26	100	102	105	102	102	101	105	102
27	105	102	105	102	102	101	105	102
28	100	102	105	102	102	101	105	102
29	105	102	105	102	102	101	105	102
30	100	102	105	102	102	101	105	102
31	105	102	105	102	102	101	105	102
MEDIAN	105	105	105	102	102	102	104	102
S.D.	2.15	3.34	5.31	2.61	4.73	4.25	2.52	3.06
Q1	104	105	105	102	101	101	102	101
Q3	105	106	107	103	104	102	105	103
RANGE	1	1	2	1	3	6	3	2

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE: NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	104	101	105	105	110	105	110	110
11	101	105	105	105	110	105	110	110
12	109	102	105	105	110	105	110	110
13	102	104	105	105	110	105	110	110
14	119	105	105	105	110	105	110	110
15	119	105	105	105	110	105	110	110
16	119	105	105	105	110	105	110	110
17	119	105	105	105	110	105	110	110
18	119	105	105	105	110	105	110	110
19	119	105	105	105	110	105	110	110
20	119	105	105	105	110	105	110	110
21	109	105	111	105	110	105	110	110
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	120	105	106	105	112	112	112	112
27	120	103	106	105	112	112	112	112
28	120	103	106	105	112	112	112	112
29	120	103	106	105	112	112	112	112
30	120	103	106	105	112	112	112	112
31	120	103	106	105	112	112	112	112
MEDIAN	109	104	106	105	112	112	112	112
S.D. MED	7.24	1.56	1.56	1.56	1.56	1.56	1.56	1.56
L. QUART	102	102	102	102	102	102	102	102
U. QUART	119	105	105	105	105	105	105	105
RANGE	17	3	3	3	3	3	3	3



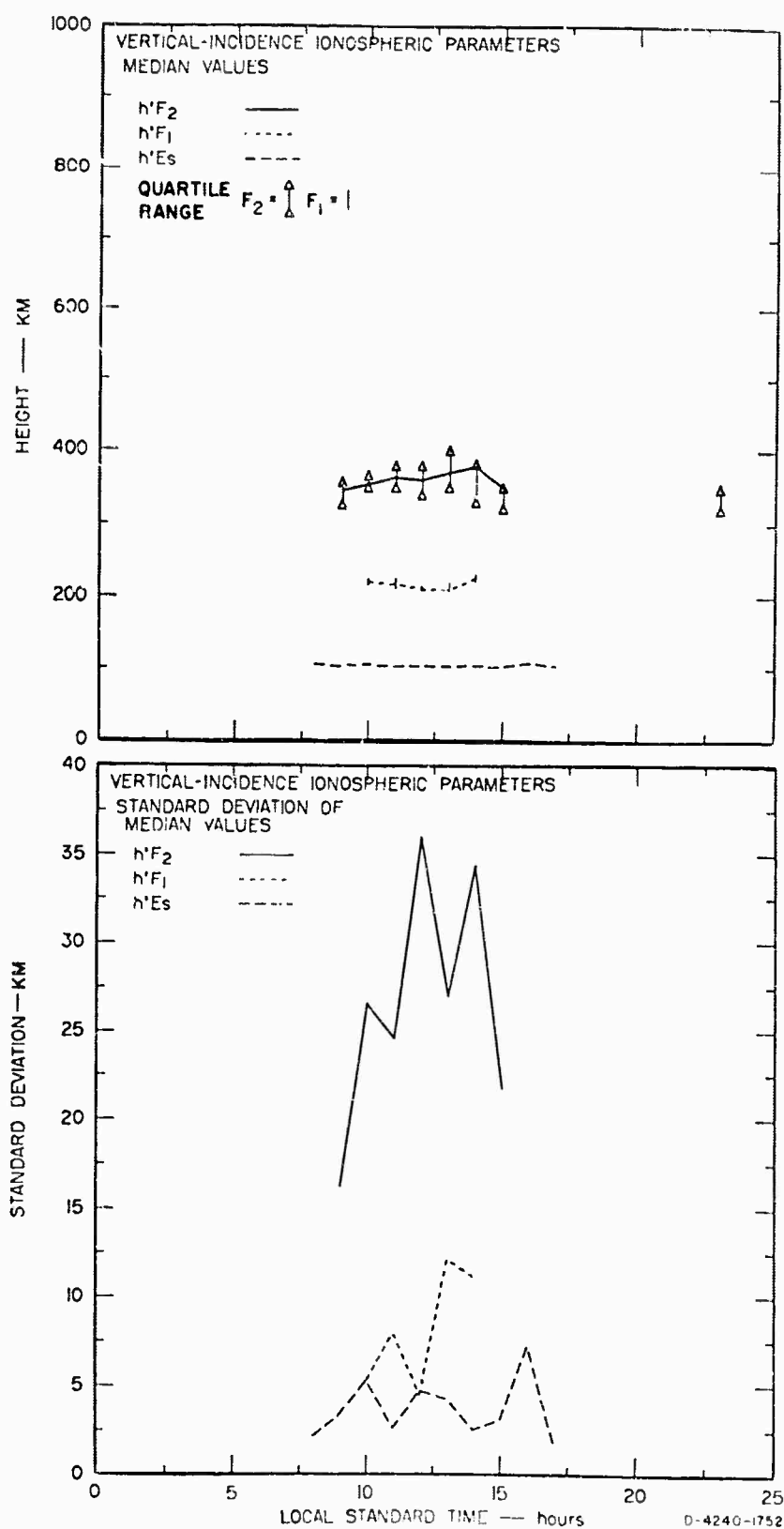
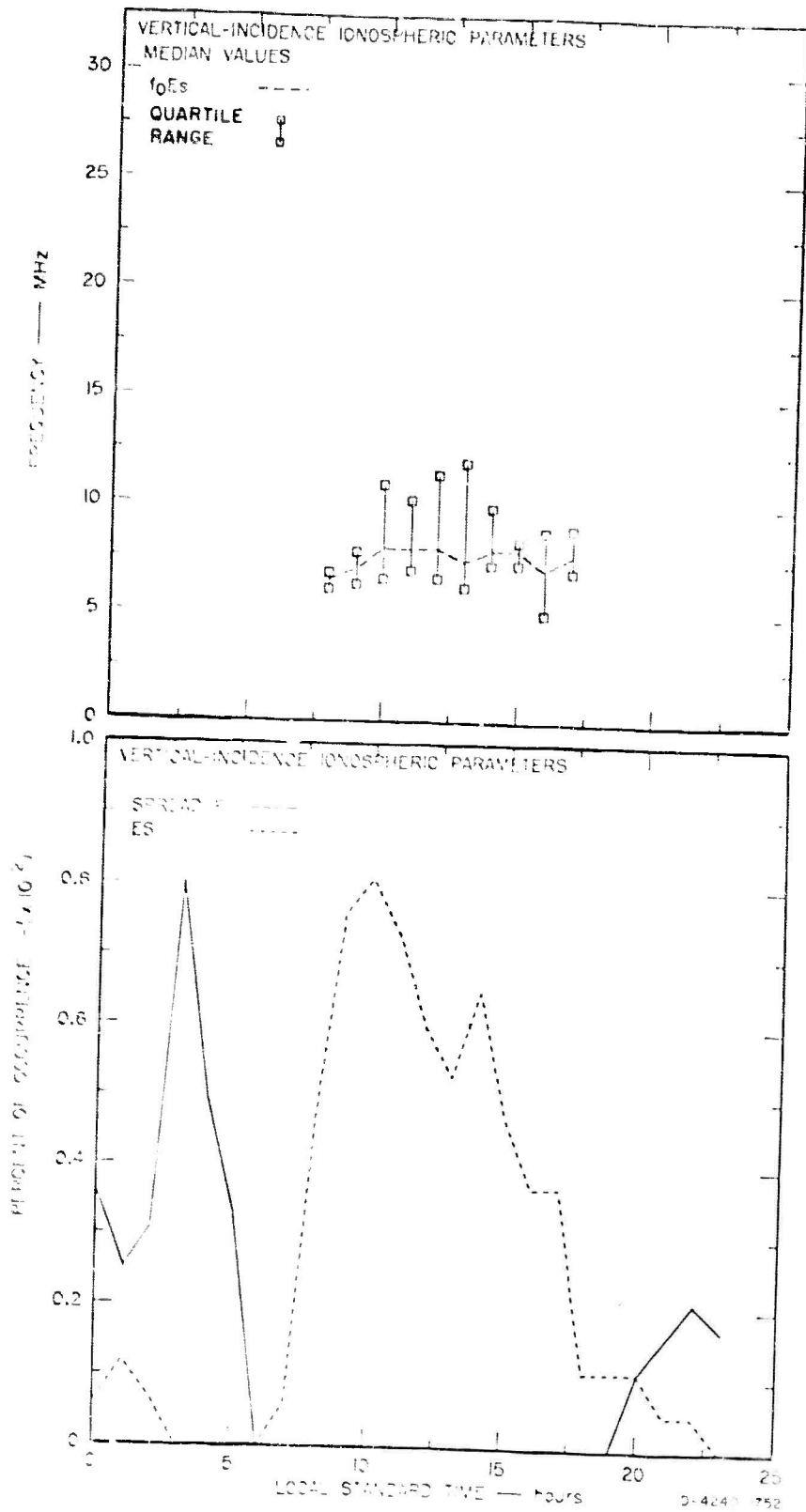


FIG. 27 VIRTUAL HEIGHT SUMMARY, NAKON SAWAN, SEPTEMBER, 1966



CHARACTERISTIC. FOR2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE: NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	7.45	9.20	9.40	9.60R	5.10	9.20	10.30	11.20
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	10.80R	11.10R	11.80R	9.90	10.40	12.30	12.10	12.30
7	9.00	10.00	11.10	9.90	9.60R	9.80	11.60	11.92
8	9.60R	C	C	9.90	9.00	10.20	10.40	11.20
9	9.20	10.10R	9.32	9.40	9.30	10.00	11.20	12.30
10	10.12	12.10	12.32	12.20R	9.50	9.80	11.10	11.20
11	9.20	10.90	11.80R	10.10	9.90	10.02	11.20	12.90
12	9.40	10.80	11.40R	10.90	9.90	9.90	11.20	12.00
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	10.30	11.12	9.90R	9.12	9.20	9.02	11.00	12.00
16	9.92R	12.60	11.80	9.72R	9.50	11.00	11.40	11.96
17	11.00	11.60R	11.40	10.92R	10.40	11.00	11.90	13.10
18	11.80R	12.64	12.80R	C	C	C	C	11.20
19	10.40R	12.00	12.00	11.90R	10.00	10.82	C	C
20	C	C	C	C	C	C	C	C
21	10.00R	11.40	11.80R	9.92	9.90	10.40	10.00	11.20
22	10.00	11.00	12.00R	11.20R	10.80R	11.20	11.40	11.94
23	9.40	10.60	11.60	11.32R	11.20R	11.30	11.90R	12.40
24	9.90R	11.20	11.64R	C	9.66	10.12	10.40R	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	9.60	11.30	13.00R	12.90R	9.90	10.12	11.40	12.20
31	9.90R	11.40R	11.40	11.00	11.00	11.60R	11.60	10.40
MEDIAN	9.96	11.25	11.80	10.10	9.90	10.12	11.20	11.95
S.D.MED	.92	.83	1.03	1.15	.60	.80	.63	.60
L QUART	9.20	10.80	11.10	9.76	9.74	9.91	10.60	11.20
U QUART	10.12	11.96	12.00	11.26	13.40	11.00	11.90	12.30
RANGE	.92	1.16	.90	1.50	.66	1.99	1.10	1.10
BLANK	0	0	0	0	0	0	0	0
ES	.3	.61	.74	.30	.70	.55	.42	.39
SPRD F	.15	.16	.05	0	.05	.05	0	0

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1969

SITE. NAKON SATHON
LOCAL STANDARD TIME

DAY	MAR	1605	1705	1805	1905	2005	2105	2205	2305
1	11.90	12.50R	11.80R	11.40R	11.94R	F	11.20	11.20	9.72R
2	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C
4	11.72	11.20	11.20R	10.40	13.00R	8.60	6.20	6.20	6.30
5	11.96R	12.80R	12.10R	12.00R	12.30R	11.96R	11.30	9.40	9.40
6	11.24	11.10	11.20	11.60R	11.72R	F	F	F	F
7	11.24	11.10	11.10	11.10	F	F	F	F	10.80
8	N	C	N	12.90R	F	F	F	F	16.40
9	13.20	12.90R	12.90R	12.90R	F	F	F	F	16.20
10	11.40	12.00R	12.00R	11.60R	F	F	F	F	C
11	12.76	12.80	13.20R	11.90R	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C
14	13.00	12.20R	11.50	13.0	C	C	C	C	C
15	12.10	12.91	13.10R	11.10	11.24R	12.04	12.04R	10.96R	10.50F
16	12.80	12.80	12.00	11.10	F	F	F	F	F
17	13.12	13.96	13.80R	12.00R	12.00R	F	F	F	F
18	11.63	11.64R	12.00R	12.00R	C	C	C	C	F
19	C	C	C	12.00R	10.04R	F	F	F	F
20	C	C	C	11.72R	F	F	F	F	F
21	11.96	11.96R	12.84R	10.60R	10.92R	11.12R	11.12R	9.20	9.20
22	C	12.44R	11.91R	C	C	C	C	C	C
23	13.20	13.00	11.90R	F	F	F	F	F	C
24	11.72	11.10	11.14R	10.60R	10.92R	11.12R	11.12R	10.96R	9.20
25	C	9.00	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C	C
29	13.00	12.90R	12.00R	F	F	12.00R	11.10	11.10	16.00
30	12.63R	12.42R	12.00R	11.00R	11.52R	11.36	11.60	11.60	10.12
31	11.00	N	11.08R	11.00R	11.52R	11.36	11.60	11.60	10.12
MEDIAN	12.18	12.42	12.00	11.66	11.72	11.65	11.15	11.15	10.96
S.D.	1.67	1.09	1.74	1.85	1.82	1.30	2.03	2.03	1.28
L QUANT	11.72	11.40	11.50	11.10	11.00	11.12	10.96	10.96	9.40
U QUANT	13.00	12.80	12.84	12.00	12.15	12.00	11.30	11.30	10.40
RANGE	1.28	1.40	1.34	.90	1.67	.88	.34	.34	1.00
BLANK	0	0	0	0	0	0	0	0	0
ES	.47	.25	.10	.05	.05	.05	.17	.17	.11
SPRD F	.06	.05	0	.20	.53	.68	.67	.67	.53

CHARACTERISTIC. H F012

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	-	355	350	320	350	330	320
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	354	325	350	350	315	320
10	-	-	-	350	320	350	320	320
11	-	-	-	360	354	365	350	310
12	-	-	320	320	320	350	320	-
13	-	-	-	-	-	340	340	-
14	-	-	-	-	-	-	-	-
15	-	-	360	340	350	350	320	300
16	-	-	320	320	315	320	320	320
17	-	-	-	-	-	-	-	-
18	-	-	320	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	330	324	327	320	310	320
22	-	-	310	322	360	350	320	330
23	-	-	-	-	361	350	320	-
24	-	-	310	-	356	350	350	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	310	-	350	320	300	-
30	-	-	315	350	330	320	320	-
31	-	-	320	350	350	325	-	-
MEDIAN	0	..	320	325	350	350	320	320
Q1	0	..	19.16	18.10	21.79	17.93	13.67	10.00
Q3	0	..	312	320	320	320	320	310
Q4	0	..	342	350	350	350	350	320
RANGE	0	..	30	..	30	30	10	10

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. NAKON SAUON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	1000	1000	1000	1000	1000	1000	1000	1000
2	1000	1000	1000	1000	1000	1000	1000	1000
3	1000	1000	1000	1000	1000	1000	1000	1000
4	1000	1000	1000	1000	1000	1000	1000	1000
5	1000	1000	1000	1000	1000	1000	1000	1000
6	1000	1000	1000	1000	1000	1000	1000	1000
7	1000	1000	1000	1000	1000	1000	1000	1000
8	1000	1000	1000	1000	1000	1000	1000	1000
9	1000	1000	1000	1000	1000	1000	1000	1000
10	1000	1000	1000	1000	1000	1000	1000	1000
11	1000	1000	1000	1000	1000	1000	1000	1000
12	1000	1000	1000	1000	1000	1000	1000	1000
13	1000	1000	1000	1000	1000	1000	1000	1000
14	1000	1000	1000	1000	1000	1000	1000	1000
15	1000	1000	1000	1000	1000	1000	1000	1000
16	1000	1000	1000	1000	1000	1000	1000	1000
17	1000	1000	1000	1000	1000	1000	1000	1000
18	1000	1000	1000	1000	1000	1000	1000	1000
19	1000	1000	1000	1000	1000	1000	1000	1000
20	1000	1000	1000	1000	1000	1000	1000	1000
21	1000	1000	1000	1000	1000	1000	1000	1000
22	1000	1000	1000	1000	1000	1000	1000	1000
23	1000	1000	1000	1000	1000	1000	1000	1000
24	1000	1000	1000	1000	1000	1000	1000	1000
25	1000	1000	1000	1000	1000	1000	1000	1000
26	1000	1000	1000	1000	1000	1000	1000	1000
27	1000	1000	1000	1000	1000	1000	1000	1000
28	1000	1000	1000	1000	1000	1000	1000	1000
29	1000	1000	1000	1000	1000	1000	1000	1000
30	1000	1000	1000	1000	1000	1000	1000	1000
31	1000	1000	1000	1000	1000	1000	1000	1000
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RAJGE	0	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE

996: 130

SITE. NAKON SANON
LOCAL STANDARD TIME

[illegible]

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. NAKON SAWON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	5.00	5.01	5.00	5.00	5.00	5.02
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	5.02	5.01	-	-
6	-	-	5.00	4.98	5.00	5.00	5.01	-
7	-	-	-	5.01	5.00	5.00	5.00	5.02
8	-	-	-	-	5.00	5.04	5.00	-
9	-	5.02	5.02	5.00	5.00	5.00	5.00	5.00
10	-	5.00	5.00	5.00	4.95	5.00	4.90	-
11	-	-	5.00	5.00	5.00	5.01	5.00	-
12	-	-	5.00	5.00	5.02	5.00	5.00	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	5.01	-	5.04	5.00	5.00	5.00
16	-	-	5.00	5.02	5.00	5.00	4.95	4.95
17	-	-	-	-	5.02	-	-	-
18	-	-	5.00	-	-	-	-	-
19	-	-	-	-	-	5.00	-	-
20	-	-	-	-	-	-	-	-
21	-	-	4.00	4.96	4.98	5.00	5.01	-
22	-	-	5.00	4.98	5.05	5.06	5.02	5.01
23	-	-	-	-	5.05	5.00	5.00	-
24	-	-	5.02	-	5.05	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	5.00	-	5.00	5.00	5.02	-
30	-	-	5.00	5.02	5.00	5.03	5.02	-
31	-	-	5.00	5.02	5.00	5.00	-	-
MEDIAN	0	..	5.00	5.00	5.00	5.00	5.00	5.00
S.D. MED	0	..	.03	.02	.02	.02	.01	.02
U QUART	0	..	5.00	4.99	5.00	5.00	5.00	5.00
L QUART	0	..	5.00	5.01	5.02	5.01	5.01	5.02
RAUCE	0	..	.00	.02	.02	.01	.01	.02

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	I	I	I	I	I	I	I	I
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	N	N	N	N	N	N	N	N
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FORT

CHROMOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F
31	F	F	F	F	F	F	F	F
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RAIUE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT., 1966

SITE. NARON SAMON
LOCAL STANDARD TIME

DAY /HR	845	905	1005	1105	1205	1305	1405	1505
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	220	220	215	220	224	220
S.D. MED	0	0	11.27	5.33	5.02	5.35	6.10	..
L. QUANT	0	0	215	212	210	212	220	..
U. QUANT	0	0	232	220	220	220	224	..
RANGE	0	0	17	8	10	8	4	..

CHARACTERISTIC. H FOF1

LONGSMERIC DATA
VERTICAL INCIDENCE

OCT.. 1966

SITE. RAKON SASHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
MEDIAN
S.D. MED
L QUART
U QUART
RANGE

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	U	U	U
2	F	F	F	F	F	U	U	U
3	F	F	F	F	F	U	U	U
4	F	F	F	F	F	U	U	U
5	F	F	F	F	F	U	U	U
6	F	F	F	F	F	U	U	U
7	F	F	F	F	F	U	U	U
8	F	F	F	F	F	U	U	U
9	F	F	F	F	F	U	U	U
10	F	F	F	F	F	U	U	U
11	F	F	F	F	F	U	U	U
12	F	F	F	F	F	U	U	U
13	F	F	F	F	F	U	U	U
14	F	F	F	F	F	U	U	U
15	F	F	F	F	F	U	U	U
16	F	F	F	F	F	U	U	U
17	F	F	F	F	F	U	U	U
18	F	F	F	F	F	U	U	U
19	F	F	F	F	F	U	U	U
20	F	F	F	F	F	U	U	U
21	F	F	F	F	F	U	U	U
22	F	F	F	F	F	U	U	U
23	F	F	F	F	F	U	U	U
24	F	F	F	F	F	U	U	U
25	F	F	F	F	F	U	U	U
26	F	F	F	F	F	U	U	U
27	F	F	F	F	F	U	U	U
28	F	F	F	F	F	U	U	U
29	F	F	F	F	F	U	U	U
30	F	F	F	F	F	U	U	U
31	F	F	F	F	F	U	U	U
MEDIAN	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...
L QUART	...	...	...	...	...	...	...	...
U QUART	...	...	...	...	...	...	...	...
RANGE	...	...	...	...	...	...	...	...

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT.. 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	7.10L	7.00L	6.00L	-	7.10L
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	7.10L	7.10L	6.90L	5.85L	6.40L	-	6.90L	-
7	7.90L	10.90L	7.60L	8.00L	12.60L	-	-	-
8	7.90L	-	-	-	-	-	-	-
9	-	6.50L	-	-	7.80L	5.60L	9.10L	7.95L
10	6.70L	7.00L	13.10L	8.60L	7.90L	6.90L	-	-
11	4.80L	5.80L	7.10L	6.90L	7.10L	10.90L	-	-
12	-	6.10L	7.00L	6.50L	-	-	6.10L	-
13	-	-	7.40L	7.15L	7.00L	6.90L	7.97L	6.40L
14	-	-	-	-	-	-	-	7.40L
15	5.90L	5.90L	-	-	-	-	-	-
16	7.12L	4.80L	11.10L	7.60L	8.04L	-	-	-
17	-	7.00L	7.30L	6.50L	-	-	-	-
18	7.00L	-	-	9.00L	8.90L	11.90L	7.65L	6.95L
19	-	-	6.60L	-	-	-	-	7.40L
20	-	-	-	6.60L	7.60L	-	-	-
21	-	6.60L	-	5.00L	-	-	-	-
22	-	-	-	5.34L	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	5.70L	-	-	5.50L	-	-
25	-	-	6.10L	-	-	5.92L	-	-
26	-	-	-	-	6.90L	13.64L	7.40L	-
27	-	-	-	-	-	6.50L	6.30L	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	7.60L	-	7.00L	-	6.90L	-	-	-
31	-	7.10L	10.00L	8.00L	6.65L	-	-	-
			6.00L	6.60L	6.56L	6.00L	3.74L	5.10L
MEDIAN	7.05	6.60	7.05	5.90	7.05	6.50	7.15	7.15
S.D. MED	0.93	1.48	2.18	1.09	1.64	3.06	1.04	1.80
L QUART	6.50	5.90	6.60	6.50	6.90	5.92	6.20	6.40
U QUART	7.10	7.10	7.60	6.90	7.90	10.90	7.81	7.46
RANGE	1.10	1.20	1.60	1.50	1.90	4.98	1.61	1.06

CHARACTERISTIC. FOCES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	6.56L	-	-	-	-	-	-	-
2	C	C	-	-	-	-	-	-
3	C	C	-	-	-	-	-	-
4	C	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	7.10L	-	-	-	-	-	-
7	6.95L	C	-	-	6.50F	8.00F	8.30F	5.90F
8	N	-	N	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	6.90L	-	-	-	-	-	-	-
11	6.70L	6.50L	-	-	-	-	-	-
12	C	C	-	-	-	-	-	-
13	C	-	-	-	-	-	-	-
14	-	7.10L	-	-	-	-	-	-
15	7.00L	-	-	-	-	-	-	-
16	7.00L	5.56L	-	-	-	-	-	-
17	6.95L	-	5.96F	-	-	-	-	5.96F
18	-	-	-	-	-	-	-	-
19	C	C	-	-	-	-	-	-
20	C	-	-	-	-	-	-	-
21	C	7.10L	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	6.90L	-	-	-	-	-	-	-
25	C	-	-	-	-	-	-	-
26	C	-	-	-	-	-	-	-
27	C	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	7.55L	-	-	-	-	-	-	-
31	-	N	-	-	-	-	-	-
MEDIAN	6.95	7.10	..	..	..	..	8.30	..
S.D. MED	.41	.74	..	..	..	..	.91	..
L QUART	6.65	6.03	..	..	..	..	7.30	..
U QUART	7.00	7.10	..	..	..	..	9.20	..
RANGE	.37	1.07	..	..	..	..	2.20	..

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT.. 1966

SITC. NAZON SAHON
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	-	-	104	103	104	-	100
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	102	102	-	-	-
7	-	-	-	105	103	-	-	-
8	-	-	-	-	110	-	-	-
9	-	-	-	105	103	-	-	-
10	-	-	-	105	103	-	-	-
11	-	-	-	104	-	-	-	-
12	-	-	-	104	-	-	-	-
13	-	-	-	104	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	112	106	-	-	-
16	-	-	-	105	-	-	-	-
17	-	-	-	108	120	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	102	102	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	120	-	-	-	-
22	-	-	-	104	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	105	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	106	103	-	-	-
30	-	-	-	102	105	-	-	-
31	-	-	-	-	102	-	-	-
MEDIAN	107	106	104	104	103	104	105	103
S.D. MED	5.86	3.05	1.25	1.97	5.24	2.22	4.26	6.25
L QUART	105	104	103	106	103	105	102	105
U QUART	110	110	105	106	106	105	106	110
RANGE	7	6	2	4	3	2	4	5

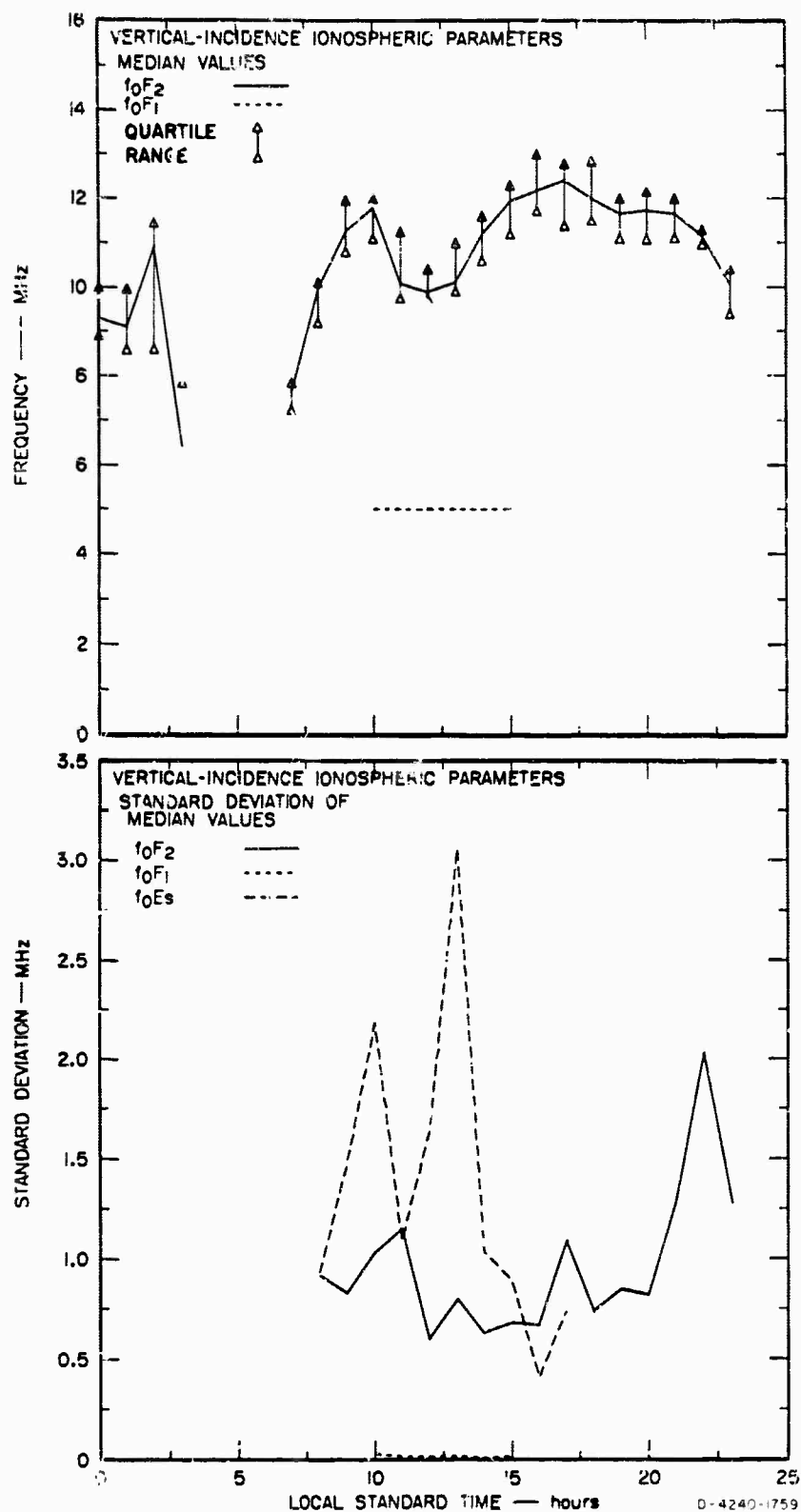
CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT.. 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	103	-	-	-	-	-	-	-
2	C	-	-	-	-	-	-	-
3	C	-	-	-	-	-	-	-
4	C	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	106	110	-	-	-	-	-	-
7	N	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	115	-	-	-	-	-	-	-
10	105	105	109	-	-	-	-	-
11	C	-	-	-	-	-	-	-
12	C	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	103	102	-	-	-	-	-	-
15	105	105	-	-	-	-	-	-
16	105	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	C	-	-	-	-	-	-	-
19	C	-	-	-	-	-	-	-
20	C	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	105	105	-	-	-	-	-	-
24	C	-	-	-	-	-	-	-
25	C	-	-	-	-	-	-	-
26	C	-	-	-	-	-	-	-
27	C	-	-	-	-	-	-	-
28	C	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	106	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	105	105	105	105	120	110	110	115
S.D. MED	3.50	2.00	1.00	1.00	1.00	1.00	1.00	1.00
L. QUART	104	103	103	103	103	103	106	106
U. QUART	106	107	107	107	107	107	110	110
RANGE	2	4	4	4	4	4	4	4



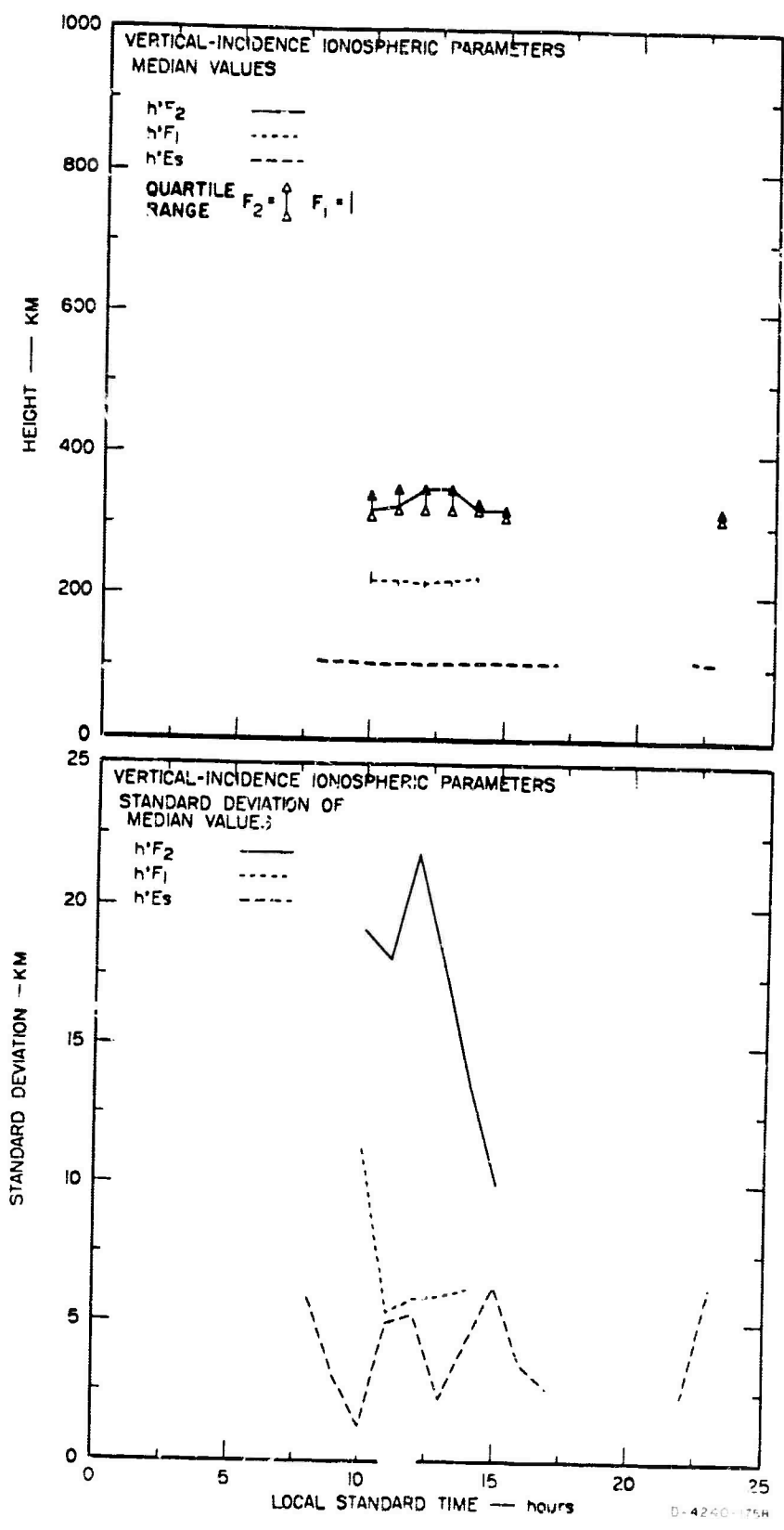


FIG. 30 VIRTUAL HEIGHT SUMMARY, NAKHON SAWAN, OCTOBER, 1966

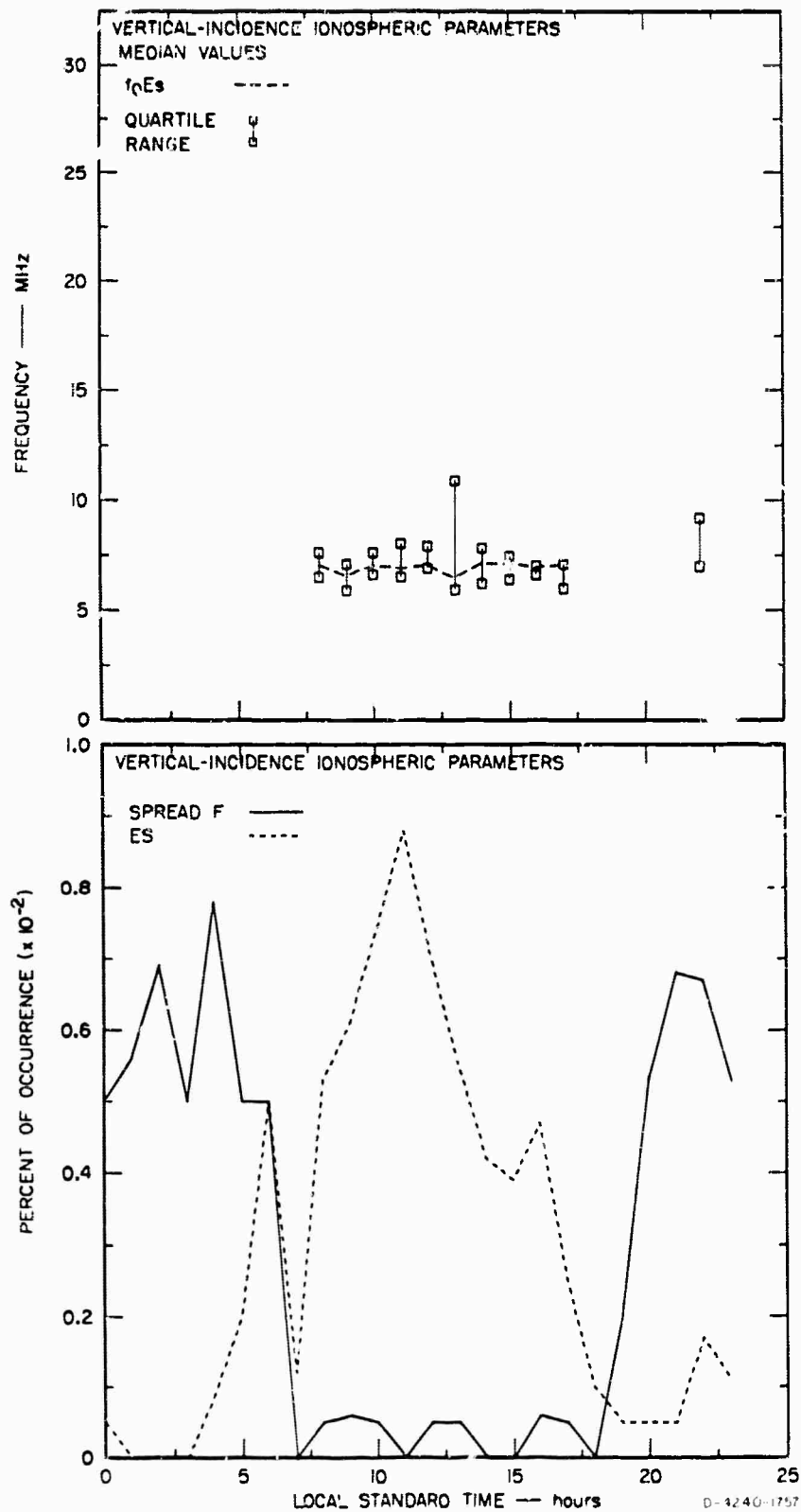


FIG. 31 SPORAIC E AND SPREAD F SUMMARY, NAKHON SAWAN, OCTOBER, 1966

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	N	C	N	C	C	C	C	N
2	C	C	C	C	C	C	C	C
3	9.00M	10.20R	5.20	C	C	C	C	C
4	7.50R	7.26R	5.20	C	C	C	C	C
5	9.32	C	C	C	C	C	C	7.44
6	9.54	8.56R	C	4.50	C	C	C	7.70R
7	9.53	8.40	N	C	C	C	C	N
8	9.53	8.46R	N	C	C	C	C	C
9	8.52R	8.20	N	C	C	C	C	7.40
10	8.22R	8.20	N	C	C	C	C	7.00
11	7.5	8.00R	N	C	C	C	C	6.64
12	7.2	8.00R	4.50	5.40	C	C	C	6.50
13	8.12	8.00	N	5.40	C	C	C	7.00
14	9.3	8.15	C	5.20	C	C	C	6.50
15	9.3	8.15	C	5.20	C	C	C	7.42
16	9.3	8.15	C	5.20	C	C	C	1.94
17	9.3	8.15	C	5.20	C	C	C	1.94
18	9.3	8.15	C	5.20	C	C	C	1.94
19	9.3	8.15	C	5.20	C	C	C	1.94
20	9.3	8.15	C	5.20	C	C	C	1.94
21	9.3	8.15	C	5.20	C	C	C	1.94
22	9.3	8.15	C	5.20	C	C	C	1.94
23	9.3	8.15	C	5.20	C	C	C	1.94
24	9.3	8.15	C	5.20	C	C	C	1.94
25	9.3	8.15	C	5.20	C	C	C	1.94
26	9.3	8.15	C	5.20	C	C	C	1.94
27	9.3	8.15	C	5.20	C	C	C	1.94
28	9.3	8.15	C	5.20	C	C	C	1.94
29	9.3	8.15	C	5.20	C	C	C	1.94
30	9.3	8.15	C	5.20	C	C	C	1.94
31	9.3	8.15	C	5.20	C	C	C	1.94
32	9.3	8.15	C	5.20	C	C	C	1.94
33	9.3	8.15	C	5.20	C	C	C	1.94
34	9.3	8.15	C	5.20	C	C	C	1.94
35	9.3	8.15	C	5.20	C	C	C	1.94
36	9.3	8.15	C	5.20	C	C	C	1.94
37	9.3	8.15	C	5.20	C	C	C	1.94
38	9.3	8.15	C	5.20	C	C	C	1.94
39	9.3	8.15	C	5.20	C	C	C	1.94
40	9.3	8.15	C	5.20	C	C	C	1.94
41	9.3	8.15	C	5.20	C	C	C	1.94
42	9.3	8.15	C	5.20	C	C	C	1.94
43	9.3	8.15	C	5.20	C	C	C	1.94
44	9.3	8.15	C	5.20	C	C	C	1.94
45	9.3	8.15	C	5.20	C	C	C	1.94
46	9.3	8.15	C	5.20	C	C	C	1.94
47	9.3	8.15	C	5.20	C	C	C	1.94
48	9.3	8.15	C	5.20	C	C	C	1.94
49	9.3	8.15	C	5.20	C	C	C	1.94
50	9.3	8.15	C	5.20	C	C	C	1.94
51	9.3	8.15	C	5.20	C	C	C	1.94
52	9.3	8.15	C	5.20	C	C	C	1.94
53	9.3	8.15	C	5.20	C	C	C	1.94
54	9.3	8.15	C	5.20	C	C	C	1.94
55	9.3	8.15	C	5.20	C	C	C	1.94
56	9.3	8.15	C	5.20	C	C	C	1.94
57	9.3	8.15	C	5.20	C	C	C	1.94
58	9.3	8.15	C	5.20	C	C	C	1.94
59	9.3	8.15	C	5.20	C	C	C	1.94
60	9.3	8.15	C	5.20	C	C	C	1.94
61	9.3	8.15	C	5.20	C	C	C	1.94
62	9.3	8.15	C	5.20	C	C	C	1.94
63	9.3	8.15	C	5.20	C	C	C	1.94
64	9.3	8.15	C	5.20	C	C	C	1.94
65	9.3	8.15	C	5.20	C	C	C	1.94
66	9.3	8.15	C	5.20	C	C	C	1.94
67	9.3	8.15	C	5.20	C	C	C	1.94
68	9.3	8.15	C	5.20	C	C	C	1.94
69	9.3	8.15	C	5.20	C	C	C	1.94
70	9.3	8.15	C	5.20	C	C	C	1.94
71	9.3	8.15	C	5.20	C	C	C	1.94
72	9.3	8.15	C	5.20	C	C	C	1.94
73	9.3	8.15	C	5.20	C	C	C	1.94
74	9.3	8.15	C	5.20	C	C	C	1.94
75	9.3	8.15	C	5.20	C	C	C	1.94
76	9.3	8.15	C	5.20	C	C	C	1.94
77	9.3	8.15	C	5.20	C	C	C	1.94
78	9.3	8.15	C	5.20	C	C	C	1.94
79	9.3	8.15	C	5.20	C	C	C	1.94
80	9.3	8.15	C	5.20	C	C	C	1.94
81	9.3	8.15	C	5.20	C	C	C	1.94
82	9.3	8.15	C	5.20	C	C	C	1.94
83	9.3	8.15	C	5.20	C	C	C	1.94
84	9.3	8.15	C	5.20	C	C	C	1.94
85	9.3	8.15	C	5.20	C	C	C	1.94
86	9.3	8.15	C	5.20	C	C	C	1.94
87	9.3	8.15	C	5.20	C	C	C	1.94
88	9.3	8.15	C	5.20	C	C	C	1.94
89	9.3	8.15	C	5.20	C	C	C	1.94
90	9.3	8.15	C	5.20	C	C	C	1.94
91	9.3	8.15	C	5.20	C	C	C	1.94
92	9.3	8.15	C	5.20	C	C	C	1.94
93	9.3	8.15	C	5.20	C	C	C	1.94
94	9.3	8.15	C	5.20	C	C	C	1.94
95	9.3	8.15	C	5.20	C	C	C	1.94
96	9.3	8.15	C	5.20	C	C	C	1.94
97	9.3	8.15	C	5.20	C	C	C	1.94
98	9.3	8.15	C	5.20	C	C	C	1.94
99	9.3	8.15	C	5.20	C	C	C	1.94
100	9.3	8.15	C	5.20	C	C	C	1.94

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE: NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	80L	90S	100S	110S	120S	130S	140S	150S
1	10.10R	11.55	12.26	11.95	11.62	11.65	11.80	11.90R
2	10.00	11.40R	11.36	11.60R	13.14	13.76R	12.60R	12.00
3	C	11.00	13.60	13.72R	11.98R	10.00	11.40	11.20R
4	C	13.80R	13.60R	12.75R	11.34R	11.00R	11.10R	11.50R
5	9.10	11.02R	11.56	11.92	11.20	10.40	10.60	11.50
6	C	11.12	12.00	12.00R	12.55	10.92	10.44	10.56
7	11.9-R	11.90R	12.80	13.80R	17.22	10.92	11.00	11.40
8	9.8-R	11.12	13.92	13.80R	13.20R	12.60	11.80	12.00
9	10.12	12.9-R	13.95	11.60	13.90	14.02R	12.46	11.52
10	9.8-R	10.21	C	12.00	11.72	11.00	11.20	11.56
11	10.8-R	11.80R	13.00R	11.41	10.00	C	C	C
12	9.20	11.10	12.02	12.00R	11.60	11.80	11.92	12.40
13	10.10	10.00	12.02	10.02R	9.80R	9.90	11.20	11.56
14	9.62R	9.92R	10.30	9.20	9.20	9.80	9.22	10.24
15	9.60R	C	C	C	C	C	C	C
MEDIAN	9.92	11.25	12.26	11.90	11.65	11.00	11.20	11.92
S.D. MED	.73	1.05	1.11	1.5	1.33	1.35	1.76	.63
U QUARTY	9.61	11.02	11.64	11.58	11.32	10.60	10.81	11.20
U QUARTY	10.11	11.80	13.64	12.20	12.55	12.30	11.93	11.90
RANGE	.50	.85	1.68	.60	1.35	1.74	1.06	.60
BLANK	0	0	0	0	0	0	0	0
ES	0	.01	.45	.65	.50	.55	.62	.30
SPR F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. NAKON SATHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	11.64R	C	11.72R	C	C	C	C	C
2	12.10	11.96R	11.72R	12.40R	11.30	11.30	10.80	19.60R
3	11.88R	12.40R	11.20R	11.70R	C	C	10.24	0.96
4	11.76R	12.00R	12.40R	13.00R	12.00R	12.00R	10.24	10.06
5	12.06	13.10	13.90R	13.20R	11.88R	11.88R	11.20R	11.20R
6	11.78	12.76R	12.70R	11.95R	11.88R	11.88R	11.82R	11.20R
7	11.92	13.08R	12.70R	11.94R	10.60R	10.60R	10.60	0.66
8	11.88	11.62	13.10R	11.92R	11.98R	11.98R	10.60	0.66
9	11.62	10.82	13.21	9.85R	9.52R	9.52R	10.00R	9.12
10	12.30	11.94	12.92R	11.96R	12.52R	12.52R	11.32	10.04R
11	C	11.56	11.92R	11.90R	12.56R	12.56R	11.54R	0.00
12	12.38	12.82R	12.10R	11.24R	11.52	11.52	10.00	0.92
13	12.02R	11.82	11.28	11.62R	12.00R	12.00R	9.20	7.00
14	11.98	11.12	11.24R	10.00	10.00	10.00	1.20	10.48
15	C	C	C	C	C	C	C	C
MEDIAN	11.92	11.92	11.94	11.69	11.54	11.54	10.90	9.56
S.D. MED	.25	.25	.94	.90	.89	.89	.70	1.01
U. QUART	11.81	11.75	11.26	11.04	10.94	10.94	10.12	0.90
L. QUART	12.00	12.79	12.81	11.93	12.10	12.10	11.26	10.34
RANGE	.19	1.05	1.55	.89	1.14	1.14	1.14	1.54
BLANK	;	;	;	;	;	;	;	;
ES	.38	.00	.00	.00	.25	.25	.15	.00
SPRD F	0	0	0	.00	.00	.00	.00	0

CHARACTERISTIC. H FOFZ

1980-81 DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY	TIME	5	105	205	305	405	505	605	705
1		N	U	N	U	U	U	U	N
2		U	U	U	U	U	U	U	U
3		U	U	U	U	U	U	U	U
4		U	U	U	U	U	U	U	U
5		U	U	U	U	U	U	U	U
6		U	U	U	U	U	U	U	U
7		U	U	U	U	U	U	U	U
8		U	U	U	U	U	U	U	U
9		U	U	U	U	U	U	U	U
10		U	U	U	U	U	U	U	U
11		U	U	U	U	U	U	U	U
12		U	U	U	U	U	U	U	U
13		U	U	U	U	U	U	U	U
14		U	U	U	U	U	U	U	U
15		U	U	U	U	U	U	U	U
MEDIAN									
S.D.									
L. QUANT									
U. QUANT									
RANGE									

CHARACTERISTIC. H FCF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE: NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	350	-	310	310	-
2	-	-	-	-	-	310	-	-
3	-	-	-	-	-	300	-	-
4	-	-	-	-	333	-	310	-
5	-	-	310	315	340	315	310	-
6	-	-	-	-	-	314	320	-
7	-	-	300	318	340	332	320	-
8	-	-	-	300	300	332	300	-
9	-	-	300	321	332	318	324	-
10	-	-	-	320	320	316	-	-
11	-	-	314	310	310	-	-	-
12	-	-	300	318	307	310	-	-
13	-	-	330	350	326	-	-	-
14	-	-	314	314	352	350	350	-
15	-	-	-	-	-	-	-	-
MEDIAN	0	0	330	318	333	315	310	9
S.D. MED	0	0	0.63	12.63	17.50	13.86	12.90	3
L QUART	0	0	330	312	310	310	310	0
U QUART	0	0	314	321	340	332	324	0
RANGE	0	0	14	7	51	22	14	6

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C	C	C	C	C	C	C
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	N.C.	U.C.	N.C.	U.C.	U.C.	U.C.	U.C.	N.C.
2	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
3	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
4	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
5	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
6	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
7	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
8	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
9	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
10	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
11	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
12	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
13	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
14	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
15	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
MEDIAN	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
S.D. MED	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
L. QUART	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
U. QUART	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.
RANGE	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.	U.C.

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. NAKON SAMON
LOCAL STANDARD TIME

DAY /HR	835	905	1005	1105	1205	1305	1405	1505
1	-	-	-	5.00	-	5.02	5.05	-
2	-	-	-	-	-	5.01	-	-
3	-	-	-	-	-	5.01	-	-
4	-	-	-	-	5.02	-	5.00	-
5	-	-	5.00	4.99	4.99	4.99	5.00	-
6	-	-	-	-	-	4.99	-	-
7	-	-	4.99	5.00	5.00	5.03	4.99	-
8	-	-	-	5.00	5.00	4.99	5.01	-
9	-	-	5.00	5.00	5.00	5.00	5.00	-
10	-	-	5.00	5.01	5.00	5.00	-	5.00
11	-	-	5.00	5.00	4.99	-	-	-
12	-	-	5.00	5.00	5.00	5.00	-	-
13	-	-	4.99	4.99	5.00	-	-	-
14	-	-	5.00	4.99	5.00	5.00	5.01	-
15	-	-	-	5.00	5.00	-	-	-
MEDIAN	0	0	5.00	5.00	5.00	5.00	5.00	..
S.D. MED	0	0	0.01	0.01	0.01	0.01	0.02	..
L QUART	0	0	4.99	4.99	5.00	4.99	5.00	..
U QUART	0	0	5.00	5.00	5.00	5.00	5.01	..
RANGE	0	0	0.01	0.01	0	0.01	0.01	..

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE- NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C*	C	C*	C	C	C	C
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	C	-	-	S	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RAISE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY	HR	5	105	205	305	405	505	605	705
1		N	C	N	C	C	C	C	N
2		C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C
4		C	C	C	C	C	C	C	C
5		C	C	C	C	C	C	C	C
6		C	C	C	C	C	C	C	C
7		C	C	C	C	C	C	C	C
8		C	C	C	C	C	C	C	C
9		C	C	C	C	C	C	C	C
10		C	C	C	C	C	C	C	C
11		C	C	C	C	C	C	C	C
12		C	C	C	C	C	C	C	C
13		C	C	C	C	C	C	C	C
14		C	C	C	C	C	C	C	C
15		C	C	C	C	C	C	C	C
MEDIAN									
S.D. MED									
L. QUART									
U. QUART									
RANGE									

CHARACTERISTIC. M FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. NAKON SALON
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	-	-	220	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	220	-	-	-
5	-	-	-	220	224	220	-	-
6	-	-	-	-	-	220	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	211	250	-	-	-
9	-	-	-	220	-	-	-	-
10	-	-	-	220	224	225	220	-
11	-	-	223	220	-	-	-	-
12	-	-	-	220	-	224	-	-
13	-	-	225	-	220	-	-	-
14	-	-	224	212	210	215	220	-
15	-	-	-	-	-	-	-	-
MEDIAN	0	0	224	220	222	220	..	0
S.D. MED	0	0	.82	4.55	4.20	3.32	..	0
L. QUART	0	0	223	212	220	220	..	0
U. QUART	0	0	225	220	224	224	..	0
RANGE	0	0	2	8	4	4	..	0

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C	C	C	C	C	C	C
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	C	-	-	-	-	-	-	-
12	-	-	-	S	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
PERCENT	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. NAKON SAHON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	N	C	N	C	C	C	C	N
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
MEDIAN	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...
L. QUART	...	...	...	...	...	...	...	...
U. QUART	...	...	...	...	...	...	...	...
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	005	085	1005	1105	1205	1305	1405	1505
1	-	-	5.30L	5.71L	6.08L	5.25L	5.00L	-
2	-	-	5.94L	5.20L	5.40L	5.10L	7.10L	6.30L
3	-	5.20L	-	6.80L	5.61L	7.44L	7.10L	7.00L
4	-	-	-	-	-	-	-	-
5	-	-	-	6.60L	-	-	5.10L	6.50L
6	-	-	13.200	6.00L	-	-	7.40L	-
7	-	-	6.88L	6.46L	6.57L	5.92L	6.30L	-
8	-	-	7.30L	-	6.60L	7.10L	-	4.90L
9	-	-	5.18L	5.98L	5.20L	5.40L	5.00L	-
10	-	-	-	7.20L	-	-	-	-
11	-	-	-	8.24L	7.96L	-	7.06L	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
MEDIAN	0	..	6.91	6.46	6.30	5.66	6.78	6.45
S.D. MED	0	..	2.35	0.85	0.80	0.99	0.98	0.95
L QUART	0	..	5.30	5.32	5.48	5.23	5.49	5.20
U QUART	0	..	7.30	7.00	6.60	7.10	7.10	6.80
RANGE	0	..	2.00	1.16	1.12	1.87	1.61	1.20

CHARACTERISTIC. FIES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY	HR	1505	1705	1805	1905	2005	2105	2205	2305
1	11.00L	C	C	C	C	C	C	C	C
2	7.00L	6.80L							
3	7.00L								
4	7.00L								
5	5.00L							16.400	5.92F
6	5.00L								
7							7.98F		
8							10.20F	6.50F	7.02F
9									5.92F
10									
11							11.10F		
12						7.24F			
13									
14									
15									
16									
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98									
99									
100									

CHARACTERISTIC. H F3

IONOSPHERIC DATA
VERTICAL INCIDENCE
N2F2, 1966

SITE. NAKON SAKON
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	N	U	N	U	U	U	U	N
2	C	U	C	U	U	U	U	C
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	N
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. NAKON SAWON
LOCAL STANDARD TIME

DAY	HR	005	905	1005	1105	1205	1305	1405	1505
1	-	-	-	110	120	115	110	110	-
2	-	-	-	104	104	120	120	110	-
3	-	116	-	-	-	110	106	105	101
4	-	-	-	-	-	-	-	102	104
5	-	-	-	105	105	-	-	120	-
6	-	-	-	105	105	-	-	106	111
7	-	-	-	106	106	103	102	106	-
8	-	-	-	105	104	103	103	102	-
9	-	-	-	105	105	115	120	115	106
10	-	-	-	-	-	100	-	-	-
11	-	-	-	-	110	-	-	102	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-
MEDIAN	0	..	..	105	104	110	100	105	103
S.O.MED	0	..	6.72	6.72	7.51	8.39	7.11	8.10	5.67
U QUANT	0	..	105	105	102	103	103	102	102
L QUANT	0	..	105	105	115	115	120	116	100
RANGE	0	..	11	11	13	12	11	12	6

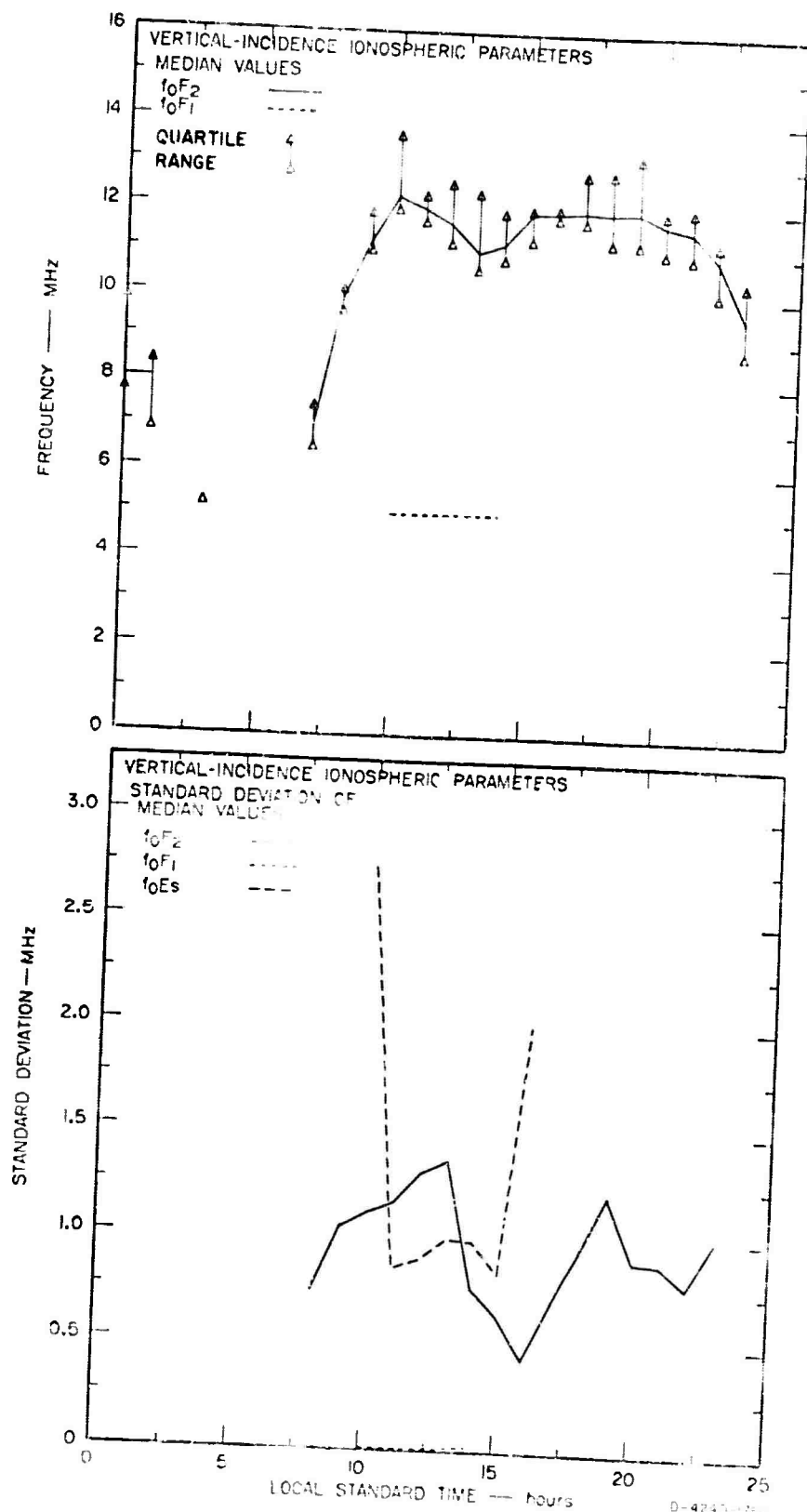
CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1956

SITE. NAKON SAPHON
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	103	C	C	C	C	C	C	C
2	102	102	-	-	-	-	-	-
3	102	-	-	-	-	-	-	-
4	110	-	-	-	-	-	-	110
5	111	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	C	-	-	S	-	-	-	105
12	-	-	-	-	-	-	-	100
13	-	-	-	-	107	-	-	-
14	-	-	-	-	-	-	-	-
15	C	C	C	C	C	C	C	C
MEDIAN	103	..	0	0	..	105	..	105
S.D. MED	7.65	..	0	0	..	1.29	..	4.00
L. QUART	112	..	0	0	..	105	..	100
U. QUART	114	..	0	0	..	105	..	110
RANGE	12	..	0	0	..	3	..	10



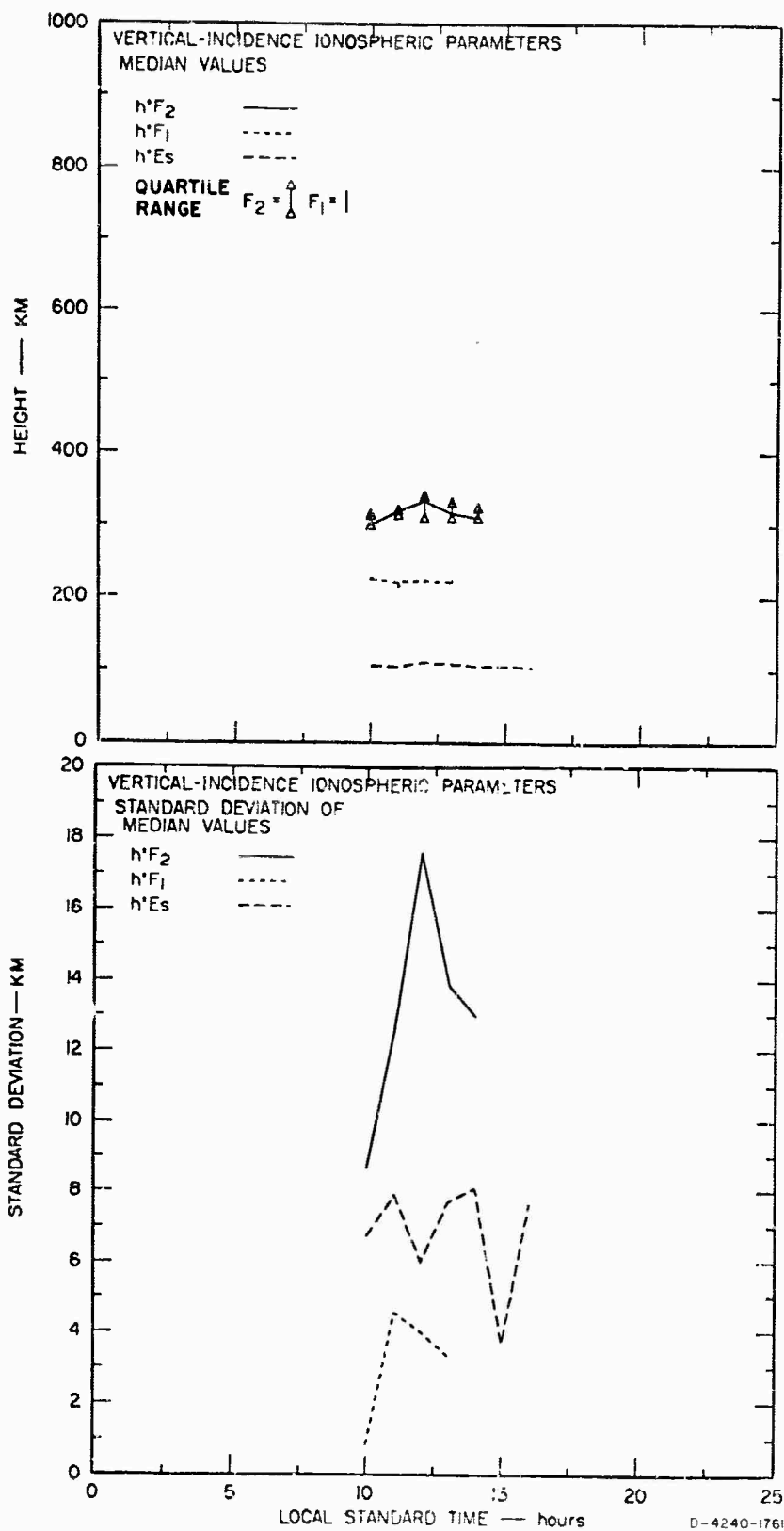


FIG. 33 VIRTUAL HEIGHT SUMMARY, NAKON SAWAN, NOVEMBER, 1966

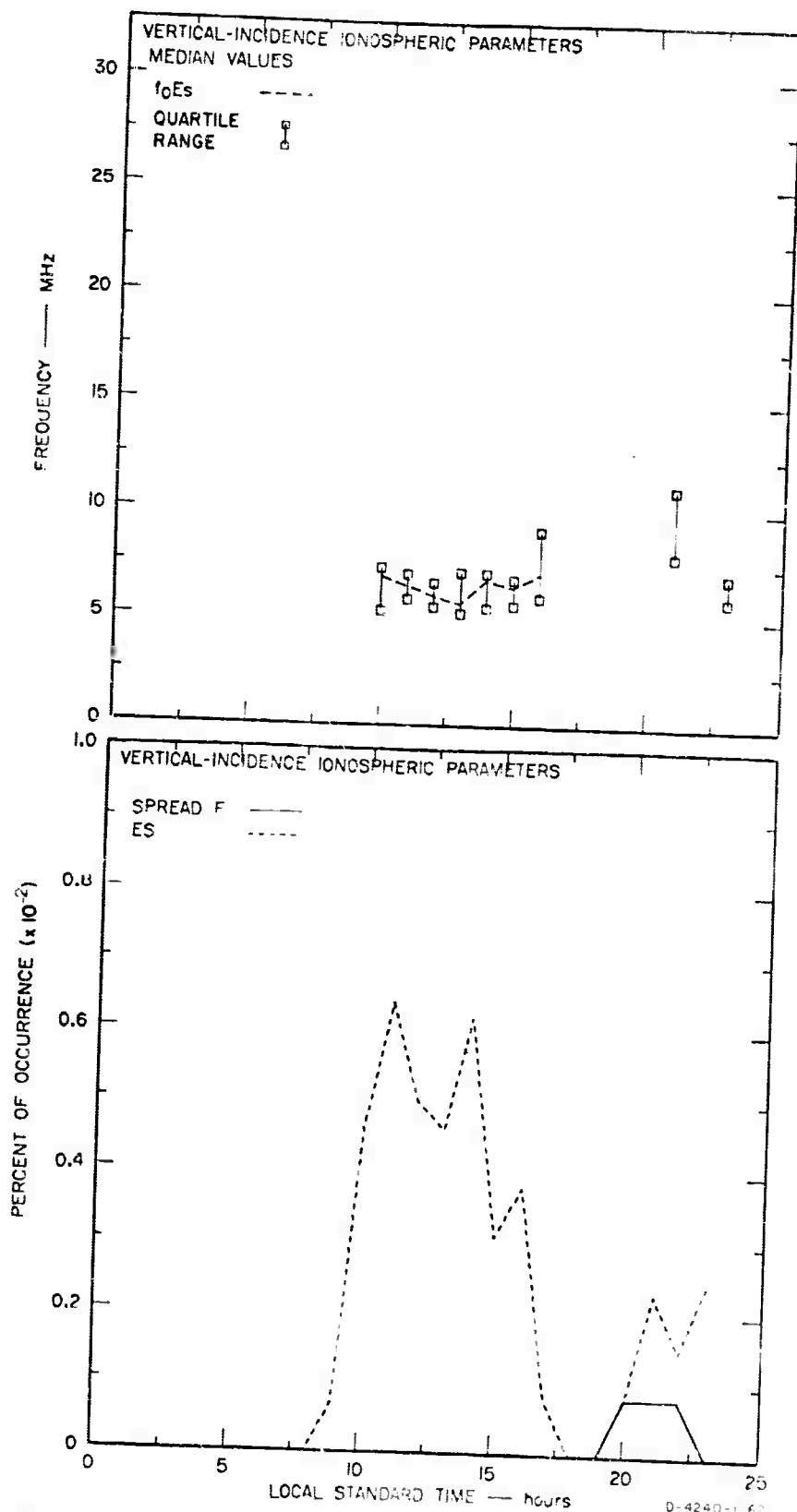


FIG. 34 SPORADIC E AND SPREAD F SUMMARY NAKHON SAWAN, NOVEMBER, 1966

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IV IONOSPHERIC DATA

E. Songkhla

Pages 290 through 310 present ionospheric data for the month of September 1966.

Pages 311 through 331 present ionospheric data for the month of October 1966.

Pages 332 through 352 present ionospheric data for the month of November 1966.

Pages 353 through 373 present ionospheric data for the month of December 1966.

Pages 374 through 394 present ionospheric data for the month of January 1967.

Pages 395 through 418 present ionospheric data for the month of February 1967.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1944

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	0	100	200	300	400	500	600	700
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	5.30	5.00	4.50	4.70	4.75	5.00	5.00	5.00
11	6.05	5.50	4.50	4.70	4.75	5.00	5.00	5.00
12	7.00R	6.44	4.60	4.70	4.75	5.00	5.00	5.00
13	8.24	7.50R	5.60	4.70	4.75	5.00	5.00	5.00
14	7.50	5.60	5.60	4.70	4.75	5.00	5.00	5.00
15	7.50	5.60	5.60	4.70	4.75	5.00	5.00	5.00
16	7.50	5.60	5.60	4.70	4.75	5.00	5.00	5.00
17	7.50	5.60	5.60	4.70	4.75	5.00	5.00	5.00
18	7.50	5.60	5.60	4.70	4.75	5.00	5.00	5.00
19	7.71R	6.05	5.55	4.70	4.75	5.00	5.00	5.00
20	N	N	5.60	4.70	4.75	5.00	5.00	5.00
21	F	F	5.60	4.70	4.75	5.00	5.00	5.00
22	F	F	5.60	4.70	4.75	5.00	5.00	5.00
23	9.00	F	5.60	4.70	4.75	5.00	5.00	5.00
24	C	C	5.60	4.70	4.75	5.00	5.00	5.00
25	C	C	5.60	4.70	4.75	5.00	5.00	5.00
26	C	C	5.60	4.70	4.75	5.00	5.00	5.00
MEDIAN	7.60	6.15	4.45	4.75	4.75	5.00	5.00	5.00
S.D. MED	1.00	0.91	1.00	1.55	1.55	1.55	1.55	1.55
L QUART	6.07	5.50	5.57	5.40	5.40	5.40	5.40	5.40
U QUART	7.97	6.95	5.53	5.40	5.40	5.40	5.40	5.40
RANGE	1.90	1.45	1.96	2.00	2.00	2.00	2.00	2.00
BLANK	1.00	0	0	0	0	0	0	0
ES	0	0	0	0	0	0	0	0
SPRD F	.46	.42	.50	0	0	0	0	0

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. SONOCHUA
LOCAL STANDARD TIME

DAY /HR	005	005	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	9.00R	0.60	0.10	7.05	7.90	7.90	0.10R	0.00
11	0.60	0.60	0.10	7.00	7.35	9.00	0.40	10.00R
12	7.35R	7.35	7.10	7.00	7.35	7.75	7.40	10.00R
13	9.10R	7.09	7.30	6.65	7.55	7.60	7.50	7.50R
14	0.60	7.30	7.30	7.45	7.75	7.90	0.50	0.20
15	C	7.05	7.05	7.00	0.10	0.20	10.10	9.00
16	0.60	7.00	7.00	7.05	1.95	0.20	9.00R	9.20R
17	0.60	7.40R	7.40R	7.75	0.22	0.40	2.50	9.50
18	9.10	0.20	0.20	7.70	7.96	0.20	0.00	2.00
19	0.60	7.70	7.70	7.20	7.20	7.05	0.20	0.40
20	9.40	10.20	9.00	7.90	C	C	C	C
21	9.10	0.40	0.40	0.10	7.96	0.92R	9.10	9.10
22	10.00R	0.20	0.90R	7.95	0.20	0.60R	0.40	9.04R
23	C	C	C	C	C	0.90	9.00	10.40
24	C	C	C	C	C	C	C	C
25	9.70R	0.00	0.00	7.55	0.00	0.50	0.00	9.50R
26	C	C	C	C	C	C	10.00	10.10
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	10.40
MEDIAN	0.00	0.60	7.00	7.70	7.95	0.20	9.44	9.07
S.D. MED	0.4	1.11	0.65	0.42	0.34	0.45	0.72	0.75
L. QUART	0.60	7.75	7.20	7.32	7.52	7.05	9.20	9.00
U. QUART	9.10	9.95	0.30	7.90	0.00	0.40	9.00	10.00
RANGE	0.50	2.20	1.10	0.50	0.96	0.75	0.00	1.10
BLANK	0	0	0	0	0	0	0	0
ES	0.3	1.00	0.93	0.05	1.00	1.00	0.04	0.63
SPRD F	0.13	0.00	0.07	0.07	0	0	0	0

CHARACTERISTIC. F0F2

IONOSPHERIC F-7A
VERTICAL INCIDENCE
SEPT., 1966

SITE. SONGCHIA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	N	-	C	C	C	C	C	C
10	-	19.40R	10.00R	9.00	9.00	9.00R	7.00	6.25R
11	19.10	C	10.20	10.30	8.74	8.30	9.00R	8.60
12	8.20	9.40	9.00	9.00R	9.10	8.44	9.70	8.00
13	8.50	C	9.70R	9.54R	9.70	9.20R	8.20	8.50
14	6.30R	C	10.00R	9.10	8.10	F	F	N
15	11.00	11.20	11.00R	10.50	9.40R	9.10	9.00	8.10R
16	N	10.60	10.60	10.46	9.70R	9.70R	9.00R	8.40
17	9.26	9.10	10.00R	8.60R	10.00R	F	F	9.20
18	10.04R	10.50R	10.30	10.30R	10.00R	19.20R	9.92	11.20
19	9.10	9.50	10.40	10.30R	9.14R	9.20R	9.45R	11.20
20	C	9.70	10.10	9.60R	F	F	F	F
21	10.00R	10.70	11.00	10.50	F	F	F	10.10
22	9.00	C	10.40R	C	C	8.00	9.00	C
23	10.70	10.40	C	F	C	8.42	C	C
24	10.00R	11.10R	11.00R	9.14R	9.64	C	C	C
25	12.00R	10.24R	C	C	C	C	C	C
26	10.50	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	10.00R	C	C	C	C
30	10.50	10.60	10.00	10.00R	C	C	C	C
MEDIAN	10.04	10.40	10.20	9.97	9.10	9.15	9.40	9.60
S.D.MED	1.00	.72	.60	.63	.55	.37	1.16	1.71
U QUART	9.10	9.45	10.00	9.14	8.00	8.00	9.10	7.52
L QUART	10.70	10.75	10.60	10.30	9.55	9.70	9.04	9.65
RANGE	1.60	1.30	.60	1.16	.86	.90	.74	2.55
BLANK	0	0	0	0	0	0	0	0
ES	.39	.29	.07	0	.07	.13	0	0
SPRD F	0	0	0	.07	.36	.53	.44	.10

IONOSPHERIC DATA
VERTICAL INCIDENCE

SP. 196

**SITE. SONGCLA V
LOCAL STANDARDS TIME**

MEDIAN
S.D. MED
L QUART
U QUART
RANGE

CHARACTERISTIC. H FOOT

ATMOSPHERIC DATA
VERTICAL INCIPENCE
SEPT., 1946

SITE. SONOMA
LOCAL STANDARD TIME

DAY /HP	305	945	1005	1115	1215	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	..	325	345	305	400	355	350	311
S.D. MED	..	21.5	32.09	25.11	19.96	17.40	27.69	3.90
L. QUANT	..	305	312	360	386	345	310	306
U. QUANT	..	350	361	400	405	360	355	320
RANGE	..	45	49	40	19	24	45	12

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

CHARACTERISTIC. H FOR2

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1946

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
2	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
3	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
4	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
5	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
6	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
7	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
8	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
9	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
10	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
11	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
12	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
13	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
14	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
15	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
16	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
17	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
18	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
19	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
20	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
21	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
22	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
23	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
24	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
25	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
26	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
27	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
28	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
29	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
30	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
MEDIAN	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
S.D. ME2	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
L QUART	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
U QUART	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
RANGE	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000

CHARACTERISTIC. FC-1

ATMOSPHERIC DATA
VERTICAL INCIDENCE
SEP., 1966

SITE. SONAGULA
LOCAL STANDARD TIME

DAY /HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	MEDIAN S.D. MED L. QUANT U. QUANT RANGE
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
305	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
405	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
505	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
605	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
705	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. SONCKMLA
LOCAL STANDARD TIME

DAY /HR	005	305	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..
L QUART	..	..	..	..	..	..	..	..
U QUART	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1944

SITE. SOYKCHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
2	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
3	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
4	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
5	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
6	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
7	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
8	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
9	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
10	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
11	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
12	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
13	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
14	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
15	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
16	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
17	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
18	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
19	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
20	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
21	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
22	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
23	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
24	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
25	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
26	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
27	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
28	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
29	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
30	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
MEDIAN	00	00	00	00	00	00	00	00
S.D. MED	00	00	00	00	00	00	00	00
L QUART	00	00	00	00	00	00	00	00
U QUART	00	00	00	00	00	00	00	00
RANGE	00	00	00	00	00	00	00	00

CHARACTERISTIC. W FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. SONOCHUA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
2	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
3	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
4	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
5	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
6	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
7	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
8	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
9	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
10	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
11	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
12	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
13	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
14	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
15	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
16	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
17	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
18	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
19	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
20	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
21	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
22	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
23	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
24	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
25	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
26	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU	UUUUUUUUUUU
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF?

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE. SONCECLA
LOCAL STANDARD TIME

DAY /HR	835	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	8	8	8	8	8	8	8	8
S.D.	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOR:

IONOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1946

SITE. SONGBULA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2015	2105	2205	2305
1	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
2	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
3	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
4	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
5	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
6	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
7	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
8	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
9	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
10	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
11	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
12	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
13	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
14	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
15	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
16	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
17	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
18	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
19	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
20	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
21	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
22	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
23	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
24	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
25	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
26	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
27	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
28	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
29	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
30	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
MEDIAN	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
S.D. MED	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
L. QUART	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
U. QUART	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU
RANGE	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU	UUUUUUUUUU

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE: SONICHA
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	25	30	35	40	45	50	55	60	65	70
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
MEDIAN
S.D. MED
L. QUART
H. QUART
RANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0E3

LOGOSPHERIC DATA
VERTICAL INCIDENCE

SEPT., 1966

SITE. SONOBUA
LOCAL STANDARD TIME

DAY /HR	005	063	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	8.000	7.00L	11.400	12.400	12.000	15.000	10.400	15.100
10	7.50L	8.000	F	F	11.700	15.000	16.000	14.000
11	-	10.000	12.000	12.000	15.000	15.000	18.000	-
12	0.000	6.55L	7.05L	12.000	12.000	15.200	15.200	11.100
13	C	7.50L	11.000	11.000	12.000	12.000	15.000	0.000
14	C	6.60L	11.100	15.100	11.100	11.100	15.000	15.000
15	N	7.00L	10.000	11.500	11.000	0.400	-	C
16	-	6.00L	8.97L	5.50L	11.400	11.900	8.00L	3.95L
17	-	6.15L	6.45L	7.10L	7.00L	7.50L	9.000	-
18	-	6.97L	11.760	12.040	15.000	12.000	12.200	-
19	-	C	12.200	-	C	C	C	-
20	13.000	7.00L	12.540	11.900	14.500	12.000	11.500	6.00L
21	C	C	7.40L	9.00L	12.000	13.200	11.900	11.200
22	C	C	C	C	C	8.00L	7.55L	0.00L
23	C	10.500	11.000	7.500	11.000	11.500	10.100	-
24	C	C	C	C	C	C	12.000	7.00L
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
MEDIAN	8.40	7.00	11.00	11.66	12.00	12.00	11.06	9.95
S.D. MED	2.36	1.45	2.56	2.81	2.15	2.42	2.00	3.20
L QUANT	7.75	6.57	7.22	8.95	11.40	11.06	9.00	7.00
U QUANT	10.90	8.05	11.85	12.62	14.60	15.20	15.00	15.00
RANGE	3.15	1.40	4.63	4.97	3.48	4.00	5.00	6.00

CHARACTERISTIC. F003

LONGOSPACIC DATA
VERTICAL INCIDENCE

SEP7., 1966

SITE. SONCHALA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	N	C	C	C	C	C	C	C
10	11.100	5.50L	5.50F	5.20F	4.80F	5.65F		
11	C	14.200						
12	C	C						
13	C	C						
14	C	C						
15	C	C						
16	N	11.200						
17	10.100	5.00L						
18	C	C						
19	C	C						
20	C	C						
21	C	C						
22	7.00L	C						
23	9.00L	C						
24	C	6.55L						
25	5.55L	C						
26	11.100	C						
27	C	C						
28	C	C						
29	C	C						
30	C	C						
MEDIAN	11.10	6.17						
S.D. MED	2.25	4.84						
L QUART	7.00	5.65						
U QUART	11.10	14.57						
RANGE	4.10	4.72						

CHARACTERISTIC. H.L.

IONOSPHERIC DATA
VERTICAL INCIDENCE
SEPT., 1966

SITE, SONOMA,⁴
LOCAL STANDARD TIME

DAY /HR	015	065	100	1105	1245	1305	1611	1805
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	100	100	100	100	100	102	105	110
11	101	101	100	100	100	100	100	100
12	-	100	100	100	100	100	100	100
13	-	100	100	100	100	100	100	100
14	112	100	100	100	100	100	100	100
15	C	110	100	100	100	100	100	100
16	C	109	100	100	100	100	100	100
17	C	109	100	100	100	100	100	100
18	-	108	100	100	100	100	100	100
19	-	108	100	100	100	100	100	100
20	-	105	100	100	100	100	100	100
21	120	105	100	100	100	100	100	100
22	-	105	100	100	100	100	100	100
23	-	105	100	100	100	100	100	100
24	-	105	100	100	100	100	100	100
25	C	110	100	100	100	100	100	100
26	C	110	100	100	100	100	100	100
27	C	110	100	100	100	100	100	100
28	C	110	100	100	100	100	100	100
29	C	110	100	100	100	100	100	100
30	C	110	100	100	100	100	100	100
MEDIAN	110	100	105	105	102	101	105	110
S.D. WD	10.16	4.45	3.26	3.64	2.56	2.49	6.55	9.02
L QUANT	104	103	100	100	100	100	100	105
U QUANT	120	110	105	105	104	105	106	111
RANGE	16	7	5	5	4	5	6	6

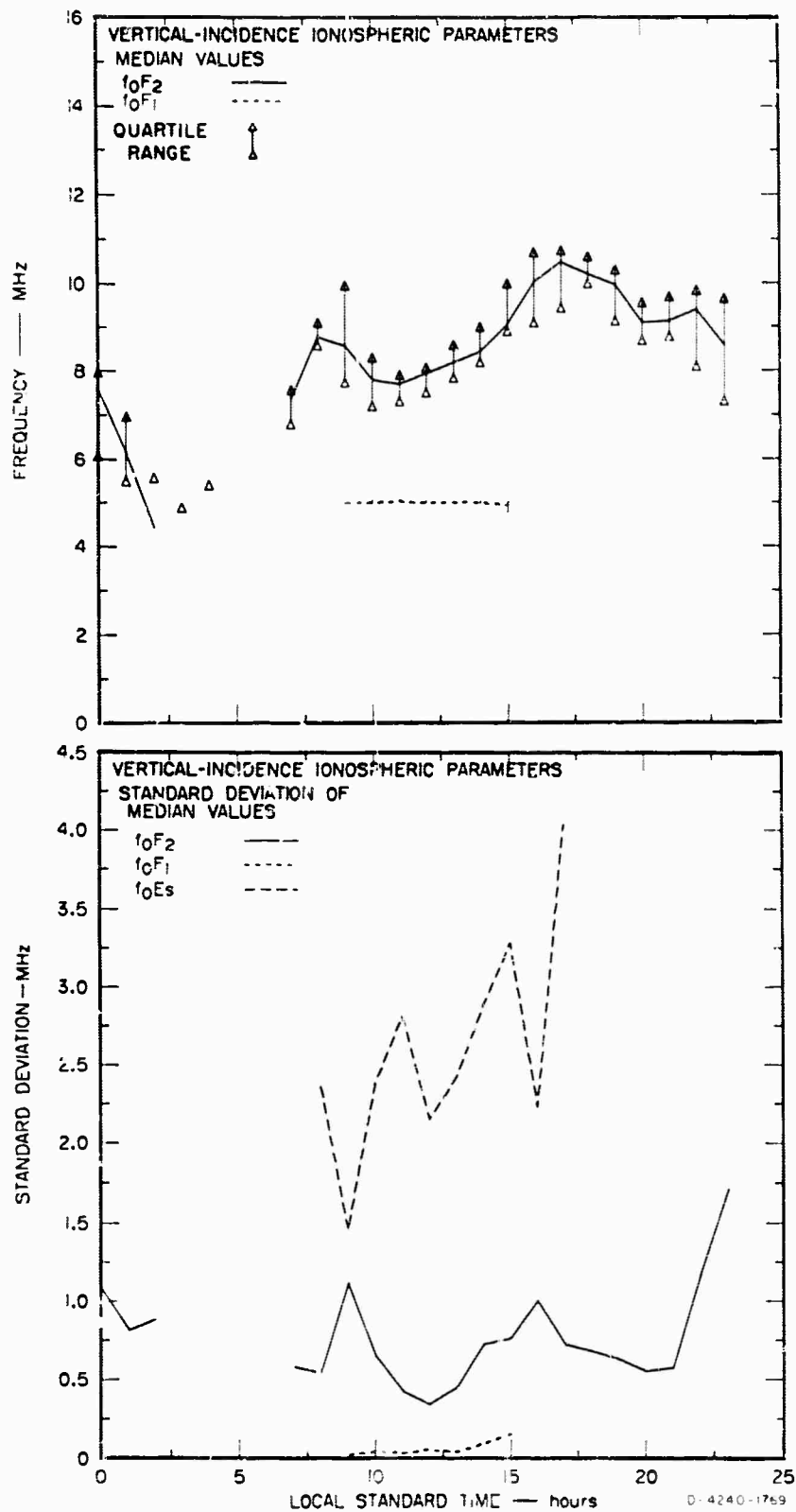
CHARACTERISTIC. H EX

IC. XPERIMENTAL DATA
VERTICAL INFLUENCE

SEPT., 1946

SITE. SONGOLA
LOCAL STANDARD TIME

DAY /HR	1615	1705	1805	1905	2015	2105	2205	2305
1	90	105	110	110	110	110	110	110
2	90	105	110	110	110	110	110	110
3	90	105	110	110	110	110	110	110
4	90	105	110	110	110	110	110	110
5	90	105	110	110	110	110	110	110
6	90	105	110	110	110	110	110	110
7	90	105	110	110	110	110	110	110
8	90	105	110	110	110	110	110	110
9	90	105	110	110	110	110	110	110
10	90	105	110	110	110	110	110	110
11	90	105	110	110	110	110	110	110
12	90	105	110	110	110	110	110	110
13	90	105	110	110	110	110	110	110
14	90	105	110	110	110	110	110	110
15	90	105	110	110	110	110	110	110
16	90	105	110	110	110	110	110	110
17	90	105	110	110	110	110	110	110
18	90	105	110	110	110	110	110	110
19	90	105	110	110	110	110	110	110
20	90	105	110	110	110	110	110	110
21	90	105	110	110	110	110	110	110
22	90	105	110	110	110	110	110	110
23	90	105	110	110	110	110	110	110
24	90	105	110	110	110	110	110	110
25	90	105	110	110	110	110	110	110
26	90	105	110	110	110	110	110	110
27	90	105	110	110	110	110	110	110
28	90	105	110	110	110	110	110	110
29	90	105	110	110	110	110	110	110
30	90	105	110	110	110	110	110	110
MEDIAN	112	106	106	106	106	106	106	106
S.D.	8.41	5.74	5.74	5.74	5.74	5.74	5.74	5.74
L. QUANT	105	102	102	102	102	102	102	102
U. QUANT	115	111	111	111	111	111	111	111
RANGE	12	9	9	9	9	9	9	9



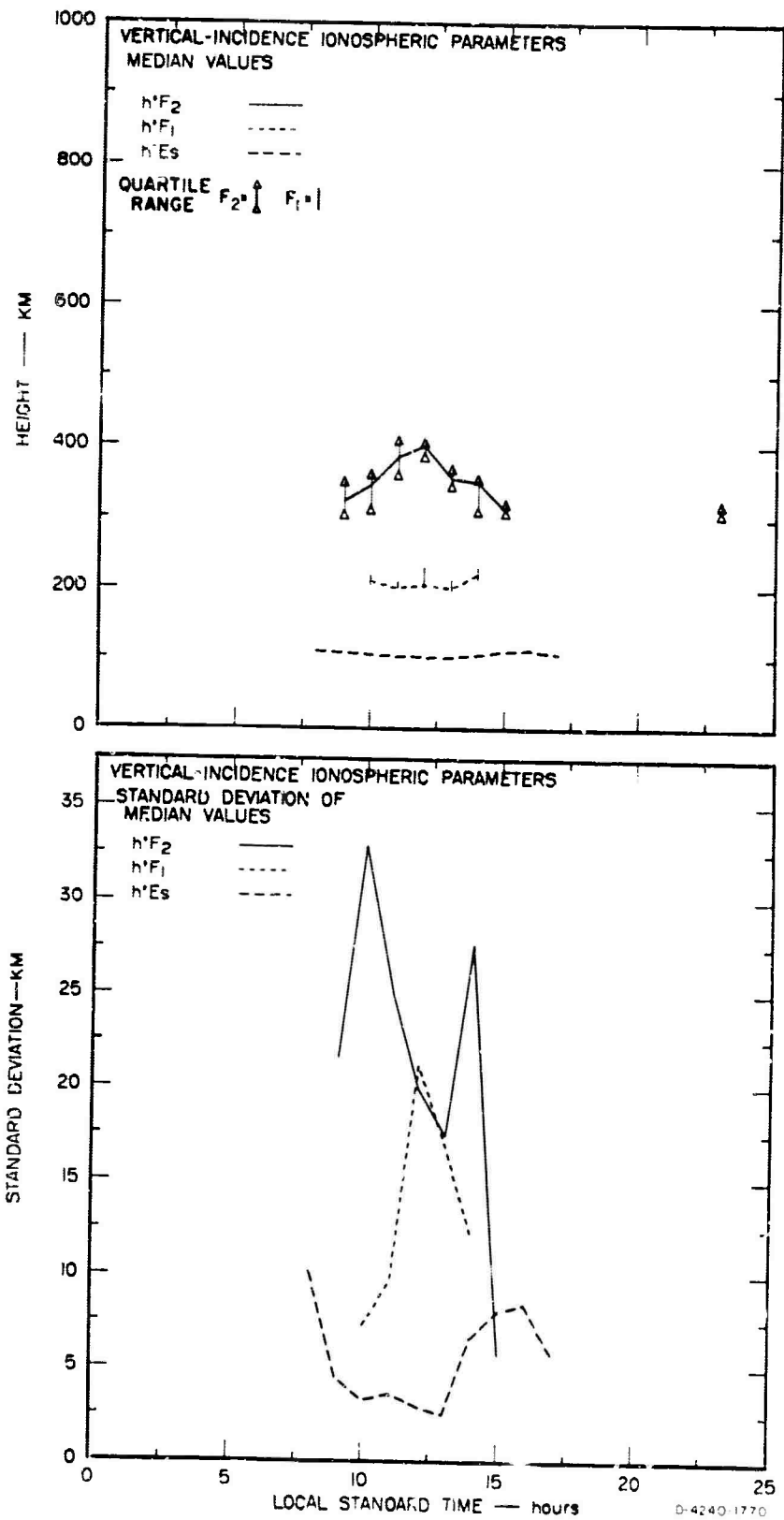


FIG. 36 VIRTUAL HEIGHT SUMMARY, SONGKHLA, SEPTEMBER, 1966

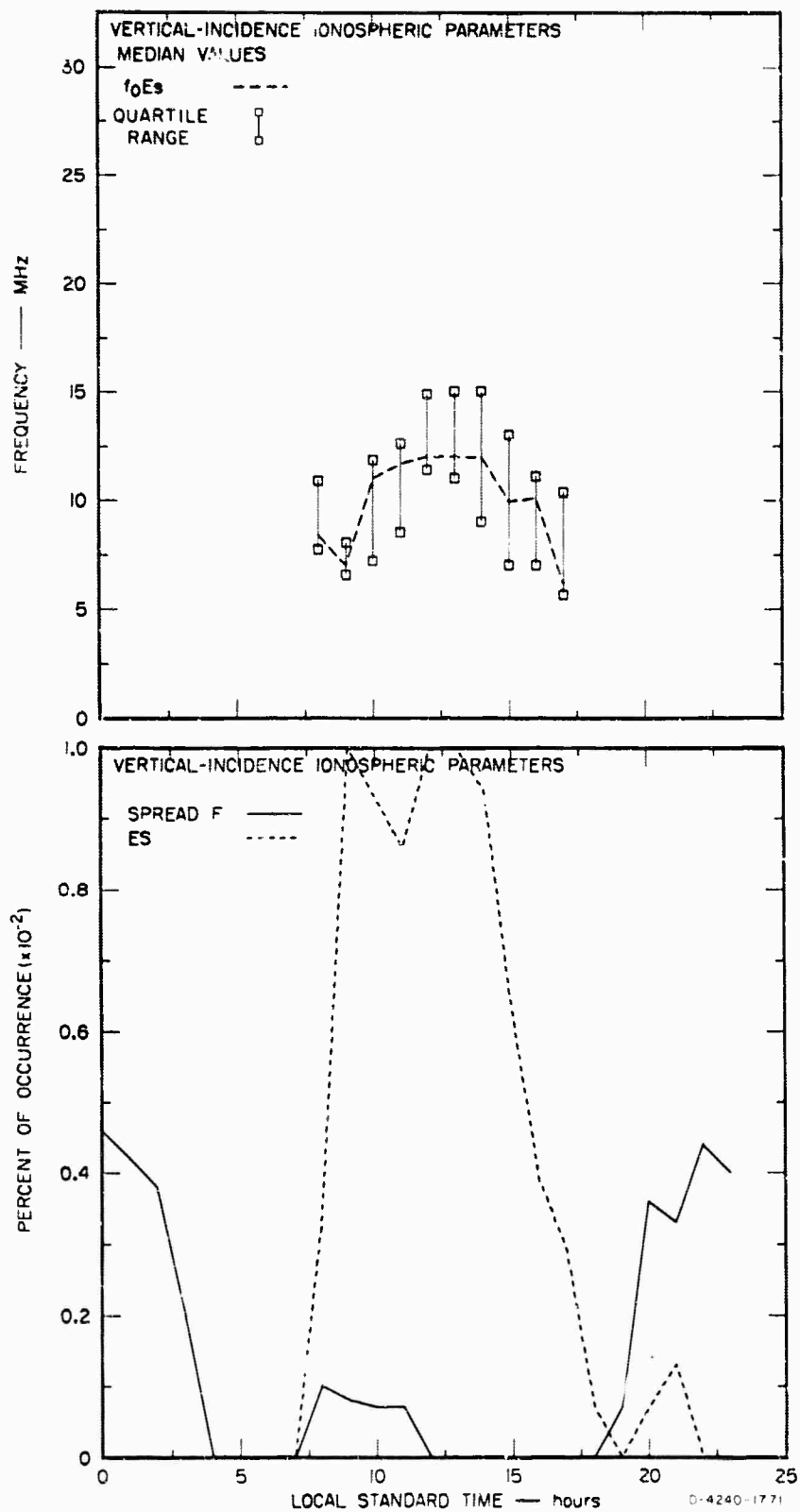


FIG. 37 SPORADIC E AND F SUMMARY, SONGKHLA, SEPTEMBER, 1966

CHARACTERISTIC. FOUR

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE: SONOMA
LOCAL STANDARD TIME

DAY /HR	E	105	205	305	405	505	605	705
1	F	F	F	F	F	F	C	7.05
2	F	F	F	F	F	F	C	7.72
3	F	F	F	F	F	F	C	7.74
4	F	F	F	F	F	F	C	7.50R
5	F	F	F	F	F	F	C	7.15
6	F	F	F	F	F	F	C	7.80
7	0.00	7.04R	6.62	6.10R	4.20	4.20	4.50	8.00
8	F	F	F	F	5.02	5.02	4.50	7.74
9	7.60	7.70R	6.40	4.50	4.65	4.50	4.50	7.60
10	7.95	7.95	5.20	5.05	C	C	C	7.80
11	0.00	7.70R	5.65	4.05	4.50	4.50	C	7.00
12	F	F	F	4.05	4.50	4.50	C	C
13	F	F	F	5.05	C	C	C	7.50
14	F	F	F	4.05	C	C	C	7.00
15	3.00	7.00	6.50R	4.05	C	C	C	7.70
16	7.70R	F	F	F	C	C	C	C
17	F	F	F	F	C	C	C	C
18	F	F	F	F	C	C	C	C
19	F	F	F	F	C	C	C	C
20	C	F	F	F	C	C	C	C
21	C	F	F	F	C	C	C	C
22	C	F	F	F	C	C	C	C
23	C	F	F	F	C	C	C	C
24	C	F	F	F	C	C	C	C
25	C	F	F	F	C	C	C	7.50R
26	N	6.05R	5.45	5.45	5.65	5.65	C	7.60
27	7.05	6.49	6.75	6.40R	5.45	5.45	C	8.40
28	F	6.45	5.60	4.95	C	C	C	7.70
29	C	C	F	F	C	C	C	C
30	F	5.60	F	F	C	C	C	7.65
MEDIAN	7.95	7.00	5.62	4.76	...	...	...	7.65
3-D MED	7.50	7.71	7.71	5.32	...	...	...	7.26
L QUART	7.60	6.49	5.50	...	...	...	...	7.80
U QUART	8.00	7.74	6.50	5.51	4.80	...	...	7.80
RANGE	7.40	1.25	1.20	5.47	4.29	...	...	7.50
BLANK	0	0	0	5.00	8.00	...	...	...
ES	0	0	0	0	0	7.00	20.00	...
SPRD F	.60	.50	.55	.30	.40	.35	0	.00

CHARACTERISTIC. POF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONSCHELA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	9.20	9.02	8.20	7.65	7.70	8.10	8.64	9.00
2	-	8.40	7.55	7.61	7.05	7.71	8.72	9.10
3	10.00R	C	7.70	6.76	6.97	7.10	7.08	8.00
4	9.10R	9.00	8.04	7.60	7.80	8.00	C	9.90R
5	7.70	10.00R	10.00R	8.50	9.00	9.20	9.20R	10.00
6	9.00	9.12	9.00	8.40	8.92	9.60	10.02	10.60
7	10.20R	10.00R	9.20	7.90	7.71	8.10	9.23	9.20
8	9.10	9.10	9.10	8.20	8.00	8.22	9.30	10.00
9	9.00	8.92	C	7.95	8.10	8.00	10.00R	11.00R
10	8.00	9.76	9.00	8.20	8.30	8.56	9.00	9.90
11	9.54R	9.90	8.00	8.10	8.30	9.10	9.02	10.00
12	9.10	10.20R	8.60	7.92	8.20	9.10	10.00R	11.20R
13	9.00R	11.20R	10.10R	8.40	8.64	9.30R	10.40	11.10
14	9.00R	9.30	8.10	8.10	8.30	9.00R	10.40	11.00
15	9.40R	9.34R	7.50	7.55	8.10	9.10	10.10	11.20
16	10.00R	9.60R	9.20	C	8.50	11.70R	10.60	11.60
17	9.00	8.00	9.10	8.00	9.10	10.10	10.90	12.00
18	9.00R	9.20R	9.10	8.05	7.05	8.26	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	9.20R	C	8.00R	8.70R	10.00R	9.20R	10.00	12.40
24	10.00R	C	C	C	8.00	8.00R	8.00R	9.00
25	9.00R	C	C	C	C	C	C	9.90
26	9.40	10.10	9.30R	8.10	8.00	8.00	C	11.00
27	9.20	10.16	10.20R	9.30	8.70	9.00	9.00	11.00
28	9.20	10.40	10.20R	9.50	8.70	8.50	10.20	11.00
29	C	C	8.30	8.30	9.00	8.50	9.00	10.40
30	8.00	10.00R	8.70	8.70	9.00	8.00	9.00R	9.50R
31	C	9.00R	8.40	8.00	8.10	7.35	8.90	9.90
MEDIAN	9.20	9.70	8.00	8.10	8.25	8.00	9.00	10.20
S.D. MED	.50	.00	.75	.57	.71	.87	.70	.03
L QUART	9.00	9.02	8.20	7.90	8.00	8.50	8.90	9.90
U QUART	9.90	10.10	9.15	8.50	8.70	9.20	10.20	11.00
RANGE	.90	1.00	.95	.60	.70	.90	1.30	1.10
BLANK	1	0	0	0	0	0	0	0
ES	.50	.95	.95	.95	.92	.80	.97	.50
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	10.06	10.04R	10.04R	9.10R	F	F	F	F
2	10.20	C	10.30	10.00R	F	F	F	9.40
3	10.02	10.56	10.40	9.32R	F	F	F	F
4	10.76	11.54	11.24	9.96R	F	F	F	F
5	11.20	12.10R	11.96R	12.00R	11.34	9.10	8.50	7.88
6	11.50	12.10R	11.20	10.20	10.00R	11.20R	10.00	11.04
7	9.20	9.00R	9.92R	9.00	7.95	F	F	F
8	10.40	10.10	9.40	8.00	F	F	F	F
9	11.20	11.10	10.30	9.20	F	F	F	F
10	10.20	10.04	9.40	9.10R	F	F	F	F
11	11.00	11.50	10.42	9.50R	F	F	F	F
12	12.00R	12.20R	11.96R	10.10R	F	F	F	F
13	11.94R	11.96R	11.00	F	F	F	F	F
14	12.00R	12.00R	12.10R	10.40	F	F	F	F
15	12.00	12.00R	11.20	10.10	F	F	F	F
16	12.00	12.30R	12.10R	10.30	10.50	F	F	F
17	12.00	12.20R	12.00R	10.00	F	F	F	F
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	11.00R	C	8.4	C	7.40R	8.00	8.62	7.70
24	8.50R	9.20R	8.7	7.40R	F	F	F	F
25	C	11.00R	8.90A	8.40	8.50	F	F	F
26	16.10	10.70R	10.24	9.00R	8.00	C	C	C
27	10.60	S	C	C	C	C	C	C
28	11.00	10.40	9.20R	C	F	C	C	C
29	10.60	C	C	C	C	C	C	C
30	9.00R	9.12R	S	C	8.00R	8.50R	8.00R	6.60
31	9.40							
MEDIAN	10.76	11.30	10.41	9.30	8.65	9.00	8.56	7.70
S.D.MED	1.03	1.06	1.14	1.00	1.36	1.17	1.19	1.60
U QUART	10.08	10.07	9.40	9.00	7.97	8.70	8.25	7.07
L QUART	11.62	12.00	11.24	10.10	10.25	10.19	9.75	9.72
RANGE	1.54	2.01	1.84	1.10	2.20	1.19	1.59	2.65
BLANK	0	0	0	0	0	0	0	0
ES	.60	.14	0	0	0	0	0	0
SPRD F	0	0	0	.14	.67	.03	.03	.70

CHARACTERISTIC. H F02

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONAGELA
LOCAL STANDARD TIME

DAY /HR	3	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTICS: M F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE: SONOMA
LOCAL STANDARD TIME

DAY /MR	905	1005	1105	1205	1305	1405	1505
1	-	300	312	305	304	300	312
2	-	300	305	305	300	300	312
3	-	300	305	305	300	300	312
4	-	300	305	305	300	300	312
5	-	300	305	305	300	300	312
6	-	300	305	305	300	300	312
7	-	300	305	305	300	300	312
8	-	300	305	305	300	300	312
9	-	300	305	305	300	300	312
10	-	300	305	305	300	300	312
11	-	300	305	305	300	300	312
12	-	300	305	305	300	300	312
13	-	300	305	305	300	300	312
14	-	300	305	305	300	300	312
15	-	300	305	305	300	300	312
16	-	300	305	305	300	300	312
17	-	300	305	305	300	300	312
18	-	300	305	305	300	300	312
19	-	300	305	305	300	300	312
20	-	300	305	305	300	300	312
21	-	300	305	305	300	300	312
22	-	300	305	305	300	300	312
23	-	300	305	305	300	300	312
24	-	300	305	305	300	300	312
25	-	300	305	305	300	300	312
26	-	300	305	305	300	300	312
27	-	300	305	305	300	300	312
28	-	300	305	305	300	300	312
29	-	300	305	305	300	300	312
30	-	300	305	305	300	300	312
31	-	300	305	305	300	300	312
MEDIAN	300	305	322	305	322	307	300
S.D. MED	3.00	10.47	19.09	40.22	31.44	14.85	6.93
L QUART	300	300	312	310	305	300	300
U QUART	303	312	344	365	359	319	312
RANGE	3	12	32	55	45	19	12

CHARACTERISTIC. W F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONOCHUA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1
2
3
4
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7
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11
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13
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19
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22
23
24
25
26
27
28
29
30
31
MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC, FOR:

IONOSPHERIC DATA
VERTICAL DISTANCE

OCT., 1966

SITE, SONCKELA
LOCAL STANDARD TIME

DAY /HR	005	1005	1105	1205	1305	1405	1505
1	-	-	5.00	5.05	5.05	5.00	5.05
2	-	5.05	4.90	4.90	5.00	5.00	5.00
3	-	5.00	-	5.01	-	5.00	-
4	-	5.00	5.02	5.05	5.04	5.01	-
5	-	5.00	5.02	-	5.00	-	-
6	-	5.05	5.05	-	5.05	5.05	-
7	-	5.05	5.09	5.02	5.05	5.00	-
8	-	-	5.05	5.00	5.05	5.00	-
9	5.00	-	5.00	5.00	-	4.94	-
10	-	-	-	5.00	5.00	5.00	-
11	-	5.05	5.00	-	5.04	5.00	-
12	-	-	5.00	5.00	5.04	5.05	-
13	-	-	-	-	5.00	-	5.05
14	-	-	-	-	5.00	-	-
15	-	-	-	-	5.00	5.00	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	5.00	5.00	-	5.00	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	5.00	-	-	5.00	5.00	-
26	-	4.00	5.00	5.00	4.05	5.00	-
27	-	5.00	5.00	5.00	5.00	5.05	-
28	-	5.00	5.04	5.10	5.00	5.05	-
29	-	5.00	5.00	5.00	5.04	5.00	-
30	5.00	5.02	5.00	5.00	5.04	-	5.05
31	-	5.04	5.05	5.00	5.04	-	-
MEDIAN	5.00	5.00	5.01	5.00	5.00	5.00	5.02
S.D.	0	0.04	0.03	0.05	0.03	0.05	0.05
L. QUANT	0	5.00	5.00	5.00	5.00	5.00	5.00
U. QUANT	0	5.05	5.04	5.02	5.04	5.05	5.05
RANGE	0	0.05	0.04	0.02	0.04	0.05	0.05

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SOMECHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	10	-	-	F F F	F F F	F F F	F F F
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
L QUANT	0	0	0	0	0	0	0	0
U QUANT	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. W FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1946

SITE: SONCZKA
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1944

SITE. SONOGULA
LOCAL STANDARD TIME

EAT /HR	045	085	1005	1105	1205	1305	1405	1645
1	-	-	-	200	200	200	215	240
2	-	-	210	205	204	210	210	-
3	-	-	205	195	190	180	210	-
4	-	-	210	195	200	-	C	-
5	-	-	-	-	-	-	-	-
6	-	-	-	170	-	155	-	-
7	-	-	230	210	210	210	215	-
8	-	-	-	210	205	194	225	-
9	-	-	C	220	205	210	225	-
10	-	250	-	-	205	215	225	-
11	-	-	220	221	-	-	210	-
12	-	225	220	200	215	220	225	-
13	-	-	220	200	-	210	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	200	224	220	-
16	-	-	-	C	-	216	224	-
17	-	-	-	-	-	-	-	-
18	-	-	205	191	-	210	C	-
19	-	-	C	C	C	C	C	-
20	-	-	C	C	C	C	C	-
21	-	-	C	C	C	C	C	-
22	-	-	C	C	C	C	C	-
23	-	-	C	C	C	C	C	-
24	-	-	C	C	-	-	-	-
25	-	-	-	C	-	-	-	-
26	-	-	-	220	210	210	225	-
27	-	-	-	C	210	210	225	-
28	-	-	-	-	186	210	212	-
29	-	-	200	200	200	187	210	-
30	-	-	210	200	205	182	-	-
31	-	-	-	185	200	215	-	-
MEDIAN	0	0	210	200	205	210	210	..
S.D. MED	0	0	9.22	12.92	6.62	17.75	6.83	..
L QUANT	0	0	205	197	200	210	210	..
U QUANT	0	0	220	215	210	215	225	..
RANGE	0	0	15	15	10	21	15	..

CHARACTERISTIC. W FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONGKALA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	F	F	F	F
2	-	-	-	F	F	F	F
3	-	-	-	F	F	F	F
4	-	-	-	F	F	F	F
5	-	-	-	F	F	F	F
6	-	-	-	F	F	F	F
7	-	-	-	F	F	F	F
8	-	-	-	F	F	F	F
9	-	-	-	F	F	F	F
10	-	-	-	F	F	F	F
11	-	-	-	F	F	F	F
12	-	-	-	F	F	F	F
13	-	-	-	F	F	F	F
14	-	-	-	F	F	F	F
15	-	-	-	F	F	F	F
16	-	-	-	F	F	F	F
17	-	-	-	F	F	F	F
18	-	-	-	F	F	F	F
19	-	-	-	F	F	F	F
20	-	-	-	F	F	F	F
21	-	-	-	F	F	F	F
22	-	-	-	F	F	F	F
23	-	-	-	F	F	F	F
24	-	-	-	F	F	F	F
25	-	-	-	F	F	F	F
26	-	-	-	F	F	F	F
27	-	-	-	F	F	F	F
28	-	-	-	F	F	F	F
29	-	-	-	F	F	F	F
30	-	-	-	F	F	F	F
31	-	-	-	F	F	F	F
MEDIAN	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0

CHARACTERISTIC. FUGS

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONGELA
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
1	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
29	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
30	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
MEDIAN	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
L QUART	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
U QUART	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
OCT., 1966

SITE. SONSFALA
LOCAL STANDARD TIME

DAY /HR	005	095	1035	1105	1205	1305	1405	1905
1	-	7.20L	10.00	12.00	15.00	11.40	8.00L	-
2	7.00L	7.00L	10.00	15.00	15.10	15.00	11.60	-
3	-	C	11.90	12.00	11.50	12.00	8.20	7.30
4	5.70L	7.65L	11.00	12.10	13.00	13.10	C	4.75L
5	-	-	15.60	15.00	15.40	17.10	5.00L	-
6	0.90	10.60	15.00	15.00	15.00	12.00	-	-
7	0.10	12.00	15.00	15.00	15.00	16.00	15.30	13.30
8	0.40	11.00	14.90	14.00	15.10	15.40	14.90	11.10
9	7.50L	11.60	C	16.00	16.00	15.00	7.60L	6.60L
10	-	9.00	15.00	16.00	15.70	15.00	15.50	11.00
11	0.00L	11.00	15.00	15.20	15.90	15.00	15.50	-
12	7.30L	10.00	15.60	17.60	16.00	15.10	4.50L	-
13	7.00L	10.70	12.30	15.60	15.40	15.50	-	-
14	11.10	11.00	15.10	15.10	15.60	15.00	0.10L	-
15	7.60L	11.20	12.00	16.00	15.20	15.00	11.20	-
16	9.10	11.60	15.00	C	16.00	-	13.10	-
17	11.20	0.40	15.90	15.40	15.30	15.00	12.00	11.00
18	-	11.60	15.40	15.00	15.40	15.00	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	-	C	C	C	-	-	5.00L	-
25	-	C	C	C	C	C	C	5.20L
26	5.65L	12.40	7.50L	15.00	15.20	15.00	C	10.90
27	-	6.95L	11.00	C	11.20	9.00	7.25L	12.00
28	-	6.25L	11.50	15.00	14.00	15.00	7.90	6.95
29	C	C	16.00	15.00	15.10	15.00	5.60L	6.45L
30	-	10.90	16.00	11.00	13.40	14.00	14.40	7.90
31	C	7.45L	11.00	15.50	14.00	15.00	14.00	11.00
MEDIAN	7.00	10.60	14.90	15.00	15.20	15.20	9.70	10.90
S.D. MED	1.62	2.06	2.94	1.77	1.27	2.10	3.04	3.20
U QUART	7.00	7.55	11.50	13.50	14.90	15.10	17.12	6.35
P QUART	5.90	11.10	15.40	15.60	15.66	15.10	14.20	11.00
POISE	1.90	3.55	4.10	2.50	.76	2.30	7.00	5.15

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE. SONENOLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C	-	-	F	F	F	F
2	-	-	-	-	F	F	F	F
3	-	-	-	-	F	F	F	F
4	-	-	-	-	F	F	F	F
5	-	-	-	-	F	F	F	F
6	5.96L	-	-	-	F	F	F	F
7	11.000	-	-	-	F	F	F	F
8	10.630	-	-	-	F	F	F	F
9	8.28L	-	-	-	F	F	F	F
10	7.60L	-	-	-	F	F	F	F
11	7.51L	-	-	-	F	F	F	F
12	7.85L	6.80L	-	-	F	F	F	F
13	-	-	-	-	F	F	F	F
14	-	-	-	-	F	F	F	F
15	-	-	-	-	F	F	F	F
16	-	-	-	-	F	F	F	F
17	9.50L	-	-	-	F	F	F	F
18	C	-	-	-	F	F	F	F
19	C	-	-	-	F	F	F	F
20	C	-	-	-	F	F	F	F
21	C	-	-	-	F	F	F	F
22	C	-	-	-	F	F	F	F
23	-	-	-	-	F	F	F	F
24	5.95L	-	-	-	F	F	F	F
25	C	11.200	-	-	F	F	F	F
26	9.10L	4.90L	-	-	F	F	F	F
27	7.00L	-	-	-	F	F	F	F
28	10.100	S	-	-	F	F	F	F
29	9.000	C	-	-	F	F	F	F
30	5.97L	-	-	-	F	F	F	F
31	10.900	-	-	-	F	F	F	F
MEDIAN	7.60	6.80	0	0	0	0	0	0
S.D.MED	1.89	2.77	0	0	0	0	0	0
L QUART	5.97	4.30	0	0	0	0	0	0
U QUART	10.10	11.20	0	0	0	0	0	0
RANGE	4.13	6.30	0	0	0	0	0	0

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1946

SITE. SONOCHUA
LOCAL STANDARD TIME

DAY /HR	005	095	1005	1105	1205	1305	1405	1505
1	-	105	110	105	105	105	104	-
2	124	108	110	105	105	101	100	-
3	-	112	105	105	102	101	100	105
4	110	-	105	105	102	100	111	126
5	-	107	110	101	105	100	-	-
6	110	112	110	110	107	110	125	115
7	120	112	110	110	107	110	115	114
8	105	115	115	115	111	115	120	120
9	110	115	115	105	103	104	105	110
10	-	109	102	101	100	104	100	-
11	105	100	106	101	105	105	121	-
12	105	100	110	101	105	105	100	-
13	110	108	104	101	104	105	110	-
14	104	108	102	105	105	109	115	-
15	115	115	110	105	110	110	115	-
16	112	105	102	105	104	-	110	-
17	105	105	105	116	104	110	115	-
18	-	125	108	105	101	101	115	112
19	-	105	108	105	101	101	115	112
20	105	105	108	105	101	101	115	112
21	105	105	108	105	101	101	115	112
22	105	105	108	105	101	101	115	112
23	105	105	108	105	101	101	115	112
24	105	105	108	105	101	101	115	112
25	105	105	108	105	101	101	115	112
26	105	105	108	105	101	101	115	112
27	105	105	108	105	101	101	115	112
28	105	105	108	105	101	101	115	112
29	105	105	108	105	101	101	115	112
30	105	105	108	105	101	101	115	112
31	105	105	108	105	101	101	115	112
MEDIAN	110	110	106	105	105	108	110	112
S.D. MED	6.27	5.17	4.27	3.62	4.01	4.77	6.07	6.48
L QUART	105	107	104	105	105	104	106	105
U QUART	115	112	110	106	110	110	115	119
RANGE	10	5	6	1	7	6	9	14

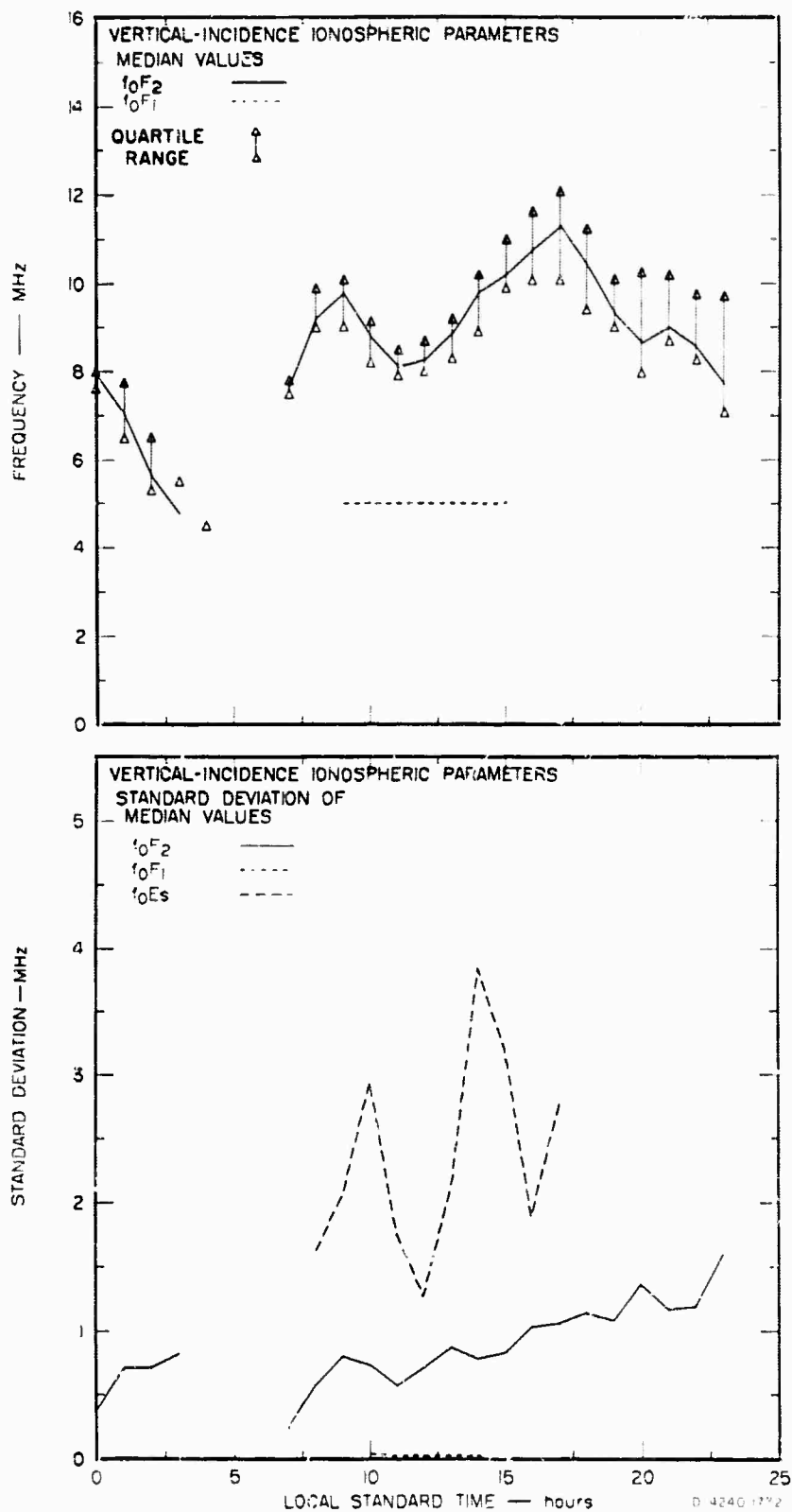
CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

OCT., 1966

SITE: SONOCHA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	C	-	-	F	F	F	F
2	-	C	-	-	F	F	F	F
3	-	-	-	-	F	F	F	F
4	-	-	-	-	F	F	F	F
5	-	-	-	-	F	F	F	F
6	119	-	-	-	F	F	F	F
7	122	-	-	-	F	F	F	F
8	115	-	-	-	F	F	F	F
9	110	-	-	-	F	F	F	F
10	110	-	-	-	F	F	F	F
11	110	-	-	-	F	F	F	F
12	120	125	-	-	F	F	F	F
13	-	-	-	-	F	F	F	F
14	-	-	-	-	F	F	F	F
15	-	-	-	-	F	F	F	F
16	-	-	-	-	F	F	F	F
17	120	-	-	-	F	F	F	F
18	C	-	-	-	F	F	F	F
19	C	-	-	-	F	F	F	F
20	C	-	-	-	F	F	F	F
21	C	-	-	-	F	F	F	F
22	C	-	-	-	F	F	F	F
23	-	-	-	-	F	F	F	F
24	108	-	-	-	F	F	F	F
25	C	-	-	-	F	F	F	F
26	112	104	-	-	F	F	F	F
27	122	115	-	-	F	F	F	F
28	110	-	-	-	F	F	F	F
29	118	-	-	-	F	F	F	F
30	110	-	-	-	F	F	F	F
31	110	-	-	-	F	F	F	F
MEDIAN	115	115	0	0	0	0	0	0
S.D. MED	4.76	0.58	0	0	0	0	0	0
L QUART	110	104	0	0	0	0	0	0
U QUART	120	125	0	0	0	0	0	0
RANGE	10	21	0	0	0	0	0	0



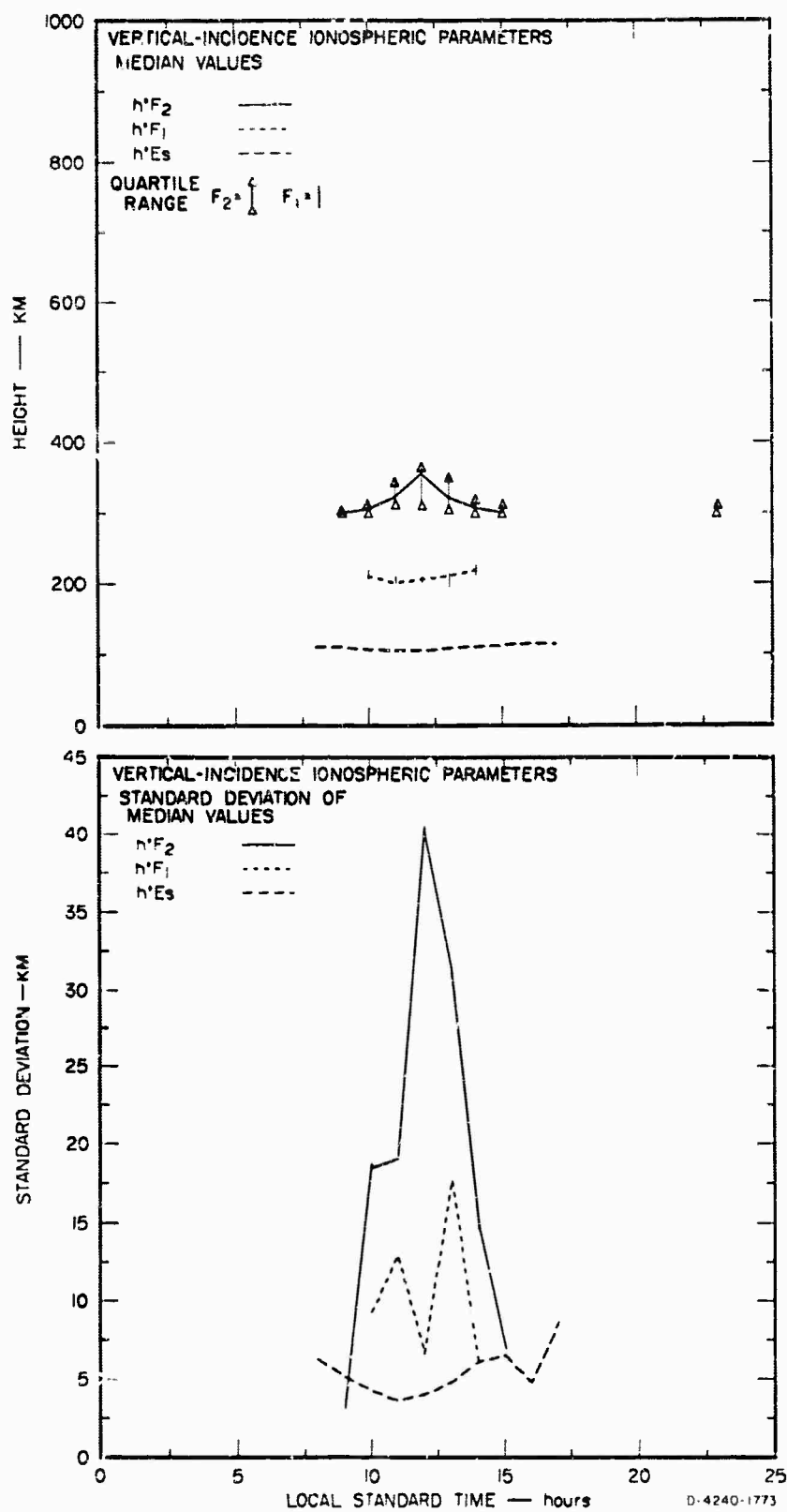


FIG. 39 VIRTUAL HEIGHT SUMMARY, SONGKHLA, OCTOBER, 1966

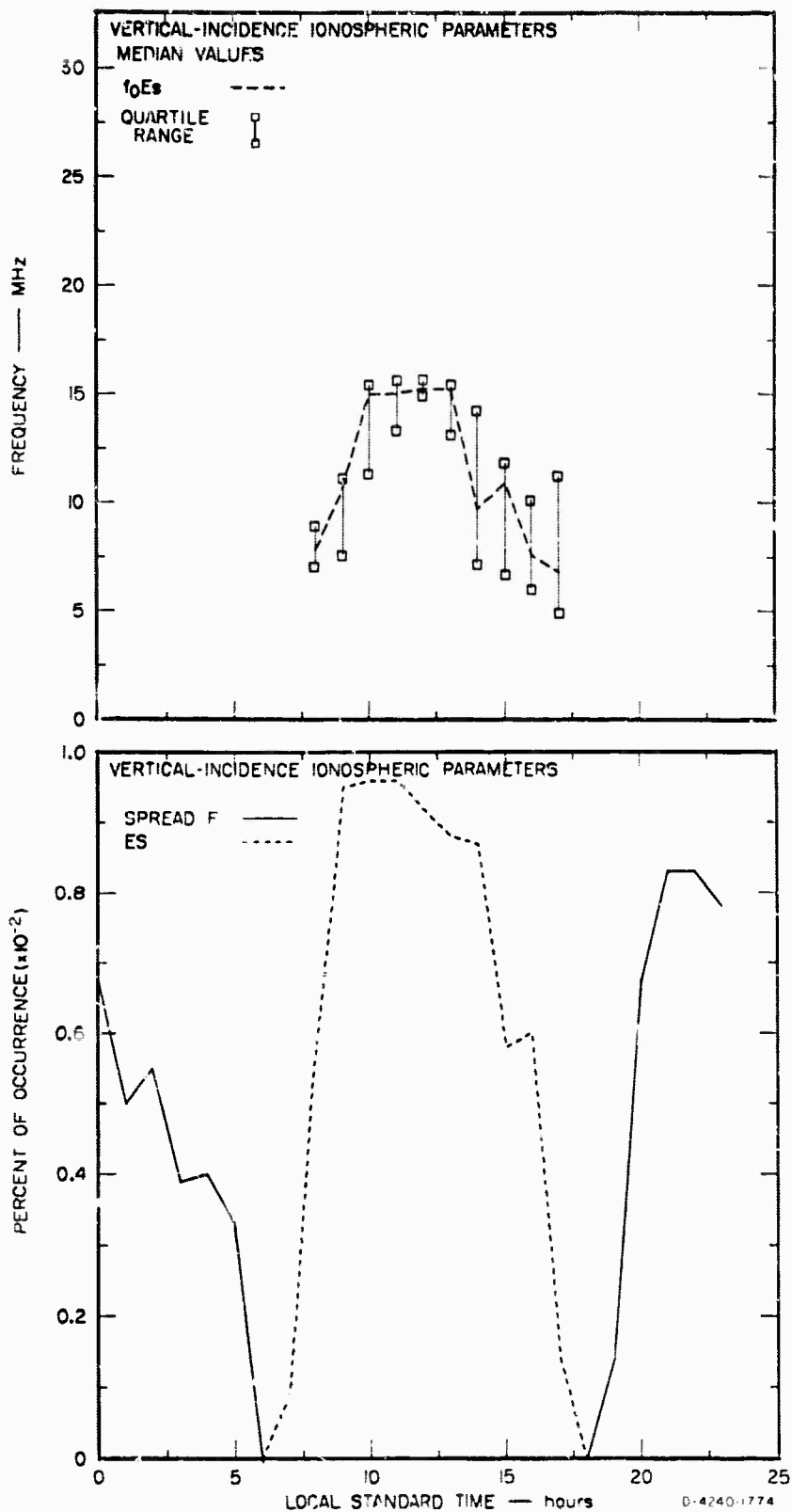


FIG. 40 SPORADIC E AND SPREAD F SUMMARY, SONGKHLA, OCTOBER, 1966

CHARACTERISTIC. 5072

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SIT., SONCHULA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	6.50	6.45	6.10	5.35	5.10	C	5.50	7.10R
2	6.10	6.70	7.00R	5.35	5.20	5.10	C	7.05
3	6.35	6.05R	5.70	5.35	4.50	C	C	7.05
4	C	N	6.50R	5.40	C	C	C	7.60R
5	7.20	6.40	5.65	C	5.05	5.00	5.50	7.10
6	6.70	6.30	6.50	5.00	5.05	4.50	5.50	7.70
7	6.40	6.00	5.75	5.20	5.00	4.50	5.50	7.20
8	6.54	5.00	5.10	5.10	4.00	6.20R	5.20	7.70
9	6.40	6.60	6.70	6.40R	6.25R	6.20	5.20	9.10
10	6.20	6.10	6.10R	5.00	4.50	C	C	7.05
11	C	C	C	C	4.90	C	C	C
12	11.20	6.50R	6.10R	5.50	4.90	C	C	7.70
13	5.50	5.30	5.20	5.20	5.00R	5.25	C	7.60
14	C	C	C	C	C	C	C	C
15	5.50	4.40	C	C	C	C	C	7.50R
16	6.55R	5.60	5.40	4.75	C	C	C	7.55
17	6.50	5.00	5.30	5.30R	C	C	C	7.40
18	5.40	5.00	C	C	C	C	C	C
19	8.20R	7.50R	7.05	6.00R	7.05R	C	C	7.55
20	6.10	5.15	5.12	5.40	5.65R	5.30	5.60	9.00R
21	7.65R	6.00R	5.55	5.00	6.00R	5.70R	5.50R	2.70R
22	5.00	5.10	6.05	5.02	6.00R	C	C	7.30R
23	C	6.50	6.50	6.50R	5.40	C	C	7.00
24	7.00R	C	C	C	C	C	C	C
25	4.50	6.60R	C	C	C	C	C	7.00
26	C	C	C	C	C	C	C	6.60
27	5.65	5.50	7.40R	4.50R	5.10R	5.90R	C	7.05R
28	C	C	5.20	C	C	4.00	C	7.55
29	5.00	6.40	5.60	5.50	5.60	C	C	6.90R
30	5.50	C	5.60	C	C	C	C	7.10R
MEDIAN	6.40	6.05	5.70	5.35	5.05	4.50	...	7.55
S.D. MED	1.26	.69	.72	.21	.73	.05	...	.46
U. QUANT	5.62	5.22	5.25	5.06	5.64	5.27	...	7.10
L. QUANT	6.62	6.32	6.40	5.00	5.64	5.26	4.06	.60
RANGE	1.00	1.30	1.15	1.00	3.37	8.00	19.00	.60
SLANK	1.00	3.00	2.00	1.00	5.00	8.00	19.00	.60
ES	0	0	0	0	0	0	0	.04
SPRD F	.04	.04	0	0	.05	.10	.13	.04

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV.. 1966

SITE. SONOMA
LOCAL STANDARD TIME

DAY /HR	005	095	1005	1105	1205	1305	1405	1505
1	9.20R	9.00	9.00	8.00	9.70R	9.06	9.30	10.00R
2	9.00	10.20	11.00R	11.20	11.20	9.00	9.40R	9.70
3	9.00	10.00R	9.00	9.00	8.00	9.00	9.00	9.00
4	9.40R	10.00R	9.00R	9.20R	8.00	8.20	9.00	9.00
5	9.00	9.00R	9.00	9.12	8.00	8.00	9.00	10.10
6	9.30R	10.10	11.00	9.00	8.00	8.00	9.00	9.00
7	9.50R	10.20	10.00R	9.00	9.00	9.06	9.00	9.00
8	9.10	10.10	10.10	9.20R	9.20	9.30	9.40	9.00
9	9.00	10.10	10.10	10.10	9.00R	9.00	9.00	9.00
10	9.20	9.00	9.00	9.00	9.00	9.00	9.00	9.00
11	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
12	9.10R	9.00R	9.00	9.00	9.00	9.00	9.00	9.00
13	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
14	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
15	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
16	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
17	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
18	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
19	10.00R	10.00R	9.00	9.00	9.00	9.00	9.00	9.00
20	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
21	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
22	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
23	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
24	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
25	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
26	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
27	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
28	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
29	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
30	10.00	10.00	9.00	9.00	9.00	9.00	9.00	9.00
MEDIAN	9.00	9.10	9.00	8.60	8.00	8.00	9.00	9.00
S.D. MED	.54	.97	1.04	.79	.72	.57	.46	.60
U QUANT	9.50	10.00	9.00	9.00	9.00	9.00	9.00	9.00
L QUANT	9.50	10.00	9.00	9.00	9.00	9.00	9.00	9.00
RANGE	.00	1.70	1.60	1.12	.07	.06	1.25	1.02
BLANK	.00	.00	.00	.00	.00	.00	.00	.00
ES	.51	.96	1.00	1.00	1.00	1.00	.06	.00
SPRD F	.04	.00	.00	.00	.00	.00	.00	.00

2501 JUSTICE CENTER, F052

LONGPETER DATA
VERTICAL INCIDENCE

NOV. 1 1966

**SITE. SOURCE. A
LOCAL STANDARD TIME**

DAY	1985	1795	1995	2005	2195	2295	2395
1	10.40	-	10.10	F	F	F	6.75
2	11.00R	9.10	10.54	7.27R	7.10	7.10	6.20
3	10.54	10.40	10.20R	9.00	8.30	10.00R	7.63
4	10.54	10.00R	10.00	9.00	9.20	9.00	6.60R
5	10.60	10.60	10.10	9.00	7.90	6.90	6.41
6	9.40	9.66	9.20R	8.10R	F	F	6.50
7	9.00	9.10	8.80	7.10	F	9.10	7.00
8	9.40	9.92	9.20R	8.00	9.10R	9.10	6.25
9	8.00R	8.00R	8.00	6.70	6.60	7.40R	6.25
10	10.00	C	C	C	C	C	C
11	10.20	10.00R	5.20R	7.46R	7.50R	7.50R	7.46R
12	10.12	1.00R	9.00R	7.00R	7.50R	7.50R	6.97R
13	9.90R	9.20R	9.00R	7.00R	8.90	7.65R	7.45R
14	9.64R	9.26R	8.20R	7.30R	8.90	9.00R	6.90R
15	10.10	10.30R	9.96	N	9.72R	9.00	7.05
16	11.00	1.40R	11.20R	9.00R	9.00R	9.00R	7.90
17	10.06	10.00	9.20	8.60	9.00R	8.20R	7.90
18	9.00R	10.30	10.00	9.20	8.50R	7.50R	8.00R
19	9.00	10.00	10.00	9.10	9.04R	9.20R	7.96
20	9.00	9.70	9.20	8.00	7.65	7.30R	7.55R
21	9.00	9.10	9.10R	9.00	10.00	8.50R	7.60R
22	10.90R	10.90R	10.00	9.02	8.70R	F	F
23	9.00	9.00	9.12	8.60	8.20	6.75	6.55
24	9.04R	9.00	10.00	9.20	8.20	8.00R	6.70
25	9.20R	9.00	8.92	8.00	9.00	8.00R	5.00
26	9.00	9.10	9.40R	9.00R	9.40R	9.00R	6.50R
27	9.00	9.02R	9.10	7.10	F	7.90R	6.50R
28	10.60	10.20	10.00R	10.20	10.30R	7.70R	6.40R
29	8.60	8.60	9.00R	7.65R	8.20R	7.70R	6.60
30	8.00R	8.60	9.06	9.06	8.60	8.52R	C
MEDIAN	9.00	9.06	9.20	8.54	8.85	8.00	6.97
S.D.	0.83	0.80	0.72	0.91	0.87	0.77	0.87
1 QUART	9.00	9.06	9.00	8.10	8.20	7.50	6.50
3 QUART	10.16	10.25	10.00	9.20	9.30	8.60	7.50
RANGE	1.16	1.19	1.00	1.10	1.10	1.10	1.00
BLANK	0	0	0	0	0	0	0
ES	0.02	.51	.14	.03	.10	.0	.0
SPRO F	0	0	0	.22	.51	.21	.01

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONOGBLA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
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24
25
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27
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29
30
MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC. M FOR2

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. SONOMA
LOCAL STANDARD TIME

PAY /HR	005	005	1005	1105	1205	1305	1405	1505
1	-	-	-	310	300	-	-	-
2	-	-	300	315	310	300	-	300
3	-	-	-	304	320	320	-	310
4	-	-	300	315	310	305	300	320
5	-	-	-	315	320	305	305	305
6	-	-	300	310	315	310	305	305
7	-	-	300	300	300	305	305	305
8	-	-	300	315	312	306	305	305
9	-	-	-	310	310	316	310	316
10	-	-	-	300	306	306	310	306
11	-	-	300	305	306	295	310	305
12	-	-	300	310	310	316	310	316
13	-	-	300	305	306	305	305	305
14	-	-	300	310	310	305	316	305
15	-	-	300	310	310	305	316	305
16	-	-	300	310	310	305	316	305
17	-	-	300	310	310	305	316	305
18	-	-	300	310	310	305	316	305
19	-	-	300	310	310	305	316	305
20	-	-	300	310	310	305	316	305
21	-	-	300	310	310	305	316	305
22	-	-	300	310	310	305	316	305
23	-	-	300	310	310	305	316	305
24	-	-	300	310	310	305	316	305
25	-	-	300	310	310	305	316	305
26	-	-	300	310	310	305	316	305
27	-	-	300	310	310	305	316	305
28	-	-	300	310	310	305	316	305
29	-	-	300	310	310	305	316	305
30	-	-	300	310	310	305	316	305
MEDIAN	0	0	310	310	312	306	305	306
S.D.	0	0	7.26	6.10	6.77	7.05	8.42	7.05
L QUART	0	0	300	310	310	305	305	305
U QUART	0	0	310	315	310	310	310	310
RANGE	0	0	10	5	11	5	17	5

IONOSPHERIC DATA VERTICAL INCIDENCE

NOV. 1968

SITE. SONCELA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	F	F	F	F	M
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	C	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	C	-	-	-	-	-
10	-	C	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
H. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SOCRAL
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOR1

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONGKILA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	4.95	5.00	5.05	5.05	-	-
2	-	-	5.05	5.05	5.10	5.05	5.00	5.00
3	-	-	5.05	5.05	5.10	5.05	5.00	5.00
4	-	-	5.05	5.05	5.10	5.05	5.00	5.00
5	-	-	5.05	5.05	5.10	5.05	5.00	5.00
6	-	-	5.05	5.05	5.10	5.05	5.00	5.00
7	-	4.95	5.01	5.05	5.05	5.01	5.05	5.01
8	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
9	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
10	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
11	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
12	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
13	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
14	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
15	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
16	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
17	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
18	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
19	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
20	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
21	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
22	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
23	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
24	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
25	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
26	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
27	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
28	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
29	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
30	-	5.05	5.05	5.05	5.05	5.05	5.05	5.05
MEDIAN	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00
S.D. MED	0	5.04	5.04	5.04	5.04	5.04	5.04	5.04
L. QUART	0	4.95	5.00	5.00	5.00	5.00	5.00	5.00
U. QUART	0	5.01	5.05	5.05	5.05	5.05	5.05	5.05
RANGE	0	.05	.05	.05	.05	.05	.05	.05

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
-VIRTUAL INCIDENCE
NOV.. 1966

SITE: JONCKHA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
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24
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27
28
29
30
MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC. H F01

10% SPHERIC DATA
VERTICAL IMPEDANCE

NOV.. : 1966

SITE. SONCEZALA
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
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12
13
14
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16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
MEDIAN
S.D. MED
L QUANT
U QUANT
RANGE

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	-	-	220	210	205	-	-
2	-	-	220	212	220	205	-	-
3	-	-	225	221	200	220	-	-
4	-	-	220	214	210	205	-	-
5	-	-	-	C	225	210	-	-
6	-	-	210	210	200	205	-	-
7	-	-	230	220	205	205	-	-
8	-	-	-	215	210	202	-	-
9	-	-	-	C	210	C	-	-
10	-	-	220	-	-	-	-	-
11	-	240	210	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	230	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	217	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	200	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	224	220	210	210	-	-
25	-	-	-	210	205	200	-	-
26	-	-	-	-	215	216	-	-
27	-	-	-	C	-	214	-	-
28	-	-	-	210	-	220	-	-
29	-	-	220	225	215	-	-	-
30	-	-	-	-	-	-	-	-
MEDIAN	0	0	220	215	210	205	220	0
S.D. MED	0	0	5.04	6.32	7.10	7.66	7.87	0
L. QUART	0	0	210	210	200	201	215	0
U. QUART	0	0	224	221	215	215	224	0
RANGE	0	0	6	11	15	14	9	0

CHARACTERISTIC. N FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE: CONCELIA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2105	2145	2205	2255
1	-	-	-	F	F	F	F	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	C	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	C	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0E3

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONKEKALA
LOCAL STANDARD TIME

DAY /NR	5	105	205	305	405	505	605	705
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
MEDIAN
S.D. MED
L QUART
U QUART
RANGE

11.400

CHARACTERISTIC. FOCES

ISOTHERMIC DATA
VERTICAL INCIDENCE

NOV., 1944

SITE. SONOMA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	6.45L	14.000	11.900	15.100	15.400	11.900	15.000
2	-	-	11.000	15.000	14.000	12.000	10.000	11.000
3	-	7.00L	11.100	15.100	15.200	12.000	15.600	7.50L
4	5.60L	7.05L	11.200	14.200	14.200	15.400	11.100	11.100
5	-	7.15L	11.400	14.200	15.000	11.500	9.200	-
6	-	7.00L	14.100	15.000	15.000	12.200	16.000	10.200
7	-	9.000	10.000	9.000	11.200	9.000	11.000	7.10L
8	-	C	7.50L	11.200	15.600	11.000	11.100	10.100
9	-	6.50L	10.600	9.400	15.000	15.200	15.000	12.000
10	6.90L	C	C	C	C	C	C	C
11	C	C	14.600	12.900	14.200	11.000	C	9.000
12	-	6.00L	10.100	14.400	12.000	12.000	9.000	9.000
13	-	11.100	15.000	15.200	15.200	15.000	12.600	7.45L
14	-	0.000	15.200	15.200	15.000	11.400	11.000	7.50L
15	-	7.00L	6.50L	11.000	11.200	11.000	6.00L	C
16	-	9.00L	14.100	16.000	15.200	14.000	9.500	5.65L
17	-	11.100	14.400	14.000	11.200	12.000	11.200	C
18	-	7.00L	11.100	15.000	14.400	15.400	10.100	7.50L
19	5.94L	10.000	14.000	14.000	15.000	15.200	15.000	16.00L
20	-	7.50L	11.700	15.000	10.900	10.000	11.100	6.00L
21	-	11.000	14.100	14.100	14.200	14.200	11.500	7.05L
22	-	10.400	11.100	14.000	14.100	10.200	10.000	C
23	5.00L	11.000	10.200	15.000	14.100	15.100	11.000	9.100
24	C	0.000	11.000	14.000	15.200	16.000	10.100	-
25	-	7.50L	9.200	15.000	15.000	15.400	10.600	11.000
26	-	0.000	9.000	10.000	11.000	13.000	12.000	10.400
27	-	0.400	0.900	10.000	14.200	15.100	15.000	9.100
28	7.05L	11.100	14.000	12.100	11.200	5.60L	-	-
29	5.00L	9.200	11.100	14.000	14.000	15.100	12.000	10.400
30	7.10L	10.200	9.100	14.000	15.000	15.000	11.000	9.000
MEDIAN	6.42	8.70	11.10	14.10	14.20	15.10	11.10	9.00
S.D. MED	.61	1.61	2.20	1.00	1.70	2.32	2.10	2.53
L QUART	5.00	7.15	9.74	11.90	12.00	11.20	10.10	7.50
U QUART	6.97	10.20	14.00	15.00	15.15	15.00	12.00	11.00
RANGE	1.17	3.05	4.26	3.10	3.15	3.90	1.90	3.50

CHARACTERISTIC. F003

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. SONCEBLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	16.000	16.000	7.70F	F	F	F	F	-
2	10.250	9.60L	-	F	F	6.90F	-	N
3	11.000	7.00L	-	8.90L	-	4.90F	-	-
4	-	-	-	-	-	-	-	-
5	7.00L	-	-	-	-	F	-	-
6	7.00L	-	-	-	-	F	-	-
7	5.70L	-	-	-	-	-	-	-
8	9.400	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	10.000	7.00L	-	-	-	-	-	8.20
11	7.05L	-	-	-	-	-	-	-
12	7.00L	6.60L	-	-	-	-	-	-
13	8.00L	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	6.00L	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	12.000	-	-	-	-	-	-	-
19	7.90L	8.00L	9.00F	7.00F	-	-	-	-
20	7.70L	7.60L	-	-	-	-	-	-
21	7.50L	-	-	-	-	-	-	-
22	13.000	14.600	6.00F	-	-	7.15F	-	-
23	-	-	-	-	-	-	-	-
24	7.70L	-	-	-	-	-	-	-
25	6.50L	-	-	-	-	-	-	-
26	6.70L	5.55L	6.00F	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	6.60L	-	-	-	-	-	-	-
29	12.400	-	-	-	-	-	-	-
30	6.00F	-	-	-	-	-	-	-
MEDIAN	7.70	7.00	6.94	..	..	6.90	..	..
S.D. MED	2.80	4.04	6.09	..	..	1.16	..	..
L QUART	6.70	6.10	6.35	..	..	4.90	..	..
U QUART	10.20	11.70	7.34	..	..	7.95	..	..
RANGE	3.50	5.60	.99	..	..	2.15	..	..

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1946

SITE. SONAGALA
LOCAL STANDARD TIME

DAY /HR	5	105	215	305	405	505	605	705
1
2
3
4
5
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25
26
27
28
29
30
MEDIAN
S.D. MED
L QUART
U QUART
RANGE

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1956

SITE. SONOMA
LOCAL STANDARD TIME

DAY /HR	005	065	1205	1505	1850
1	-	120	105	105	120
2	-	110	110	110	115
3	-	125	115	110	115
4	125	105	115	105	105
5	-	110	110	105	-
6	-	110	110	110	110
7	-	110	110	110	115
8	-	110	115	115	115
9	-	115	105	105	110
10	115	C	C	C	C
11	C	C	105	110	110
12	-	115	110	110	105
13	C	110	100	105	105
14	C	105	104	105	122
15	-	105	110	105	106
16	-	110	102	104	C
17	-	110	105	110	115
18	-	115	100	105	C
19	-	105	102	105	110
20	120	108	107	105	105
21	-	106	110	105	111
22	-	105	107	105	107
23	115	105	109	105	C
24	100	110	101	105	100
25	-	110	110	100	-
26	-	110	105	105	110
27	-	111	105	105	105
28	110	105	105	104	110
29	110	105	105	105	-
30	110	105	109	110	102
MEDIAN	112	110	107	105	110
S.D. MED	5.91	4.18	3.37	3.58	6.57
L. QUART	110	105	105	105	105
U. QUART	117	110	110	110	115
RANGE	7	5	5	5	10

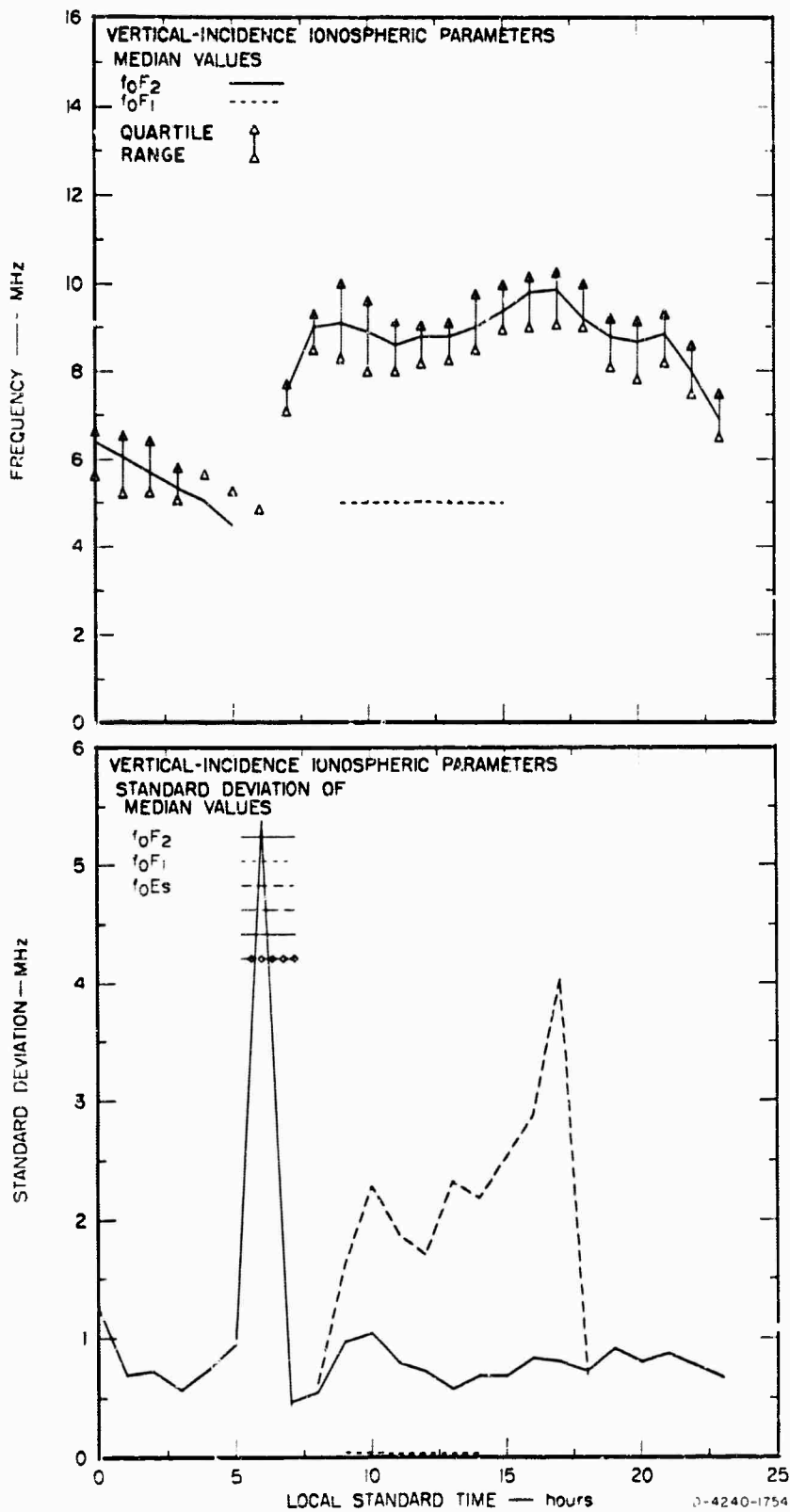
CHARACTERISTIC. H ES

LONGSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. BONGOMLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	129	125	125	F	F	F	F	-
2	118	122	-	F	121	119	-	-
3	120	-	-	-	-	126	-	N
4	C	104	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	115	-	-	-	-	-	-	-
7	120	-	-	-	-	-	-	-
8	110	-	-	-	-	-	-	-
9	110	-	-	-	-	-	-	-
10	C	C	C	C	C	C	C	C
11	106	110	-	-	-	-	-	115
12	110	-	-	-	-	-	-	-
13	121	-	-	-	-	-	-	-
14	105	110	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	108	-	-	-	-	-	-	-
18	115	-	-	-	-	-	-	-
19	109	111	120	110	-	-	-	-
20	106	119	-	-	-	-	-	-
21	111	-	-	-	-	-	-	-
22	110	110	100	-	-	111	-	-
23	-	-	-	-	-	-	-	-
24	100	-	-	-	-	-	-	-
25	106	-	-	-	-	-	-	-
26	110	110	115	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	115	-	-	-	-	-	-	-
29	105	-	-	-	-	-	-	-
30	106	-	-	-	-	-	-	-
MEDIAN	110	110	117	116	121	119	0	0
S.O. MED	9.50	6.98	9.57	11.0	12.1	6.74	0	0
L. QUANT	110	110	107	110	121	111	0	0
U. QUANT	115	120	122	116	126	126	0	0
RANGE	9	10	15	10	10	15	0	0



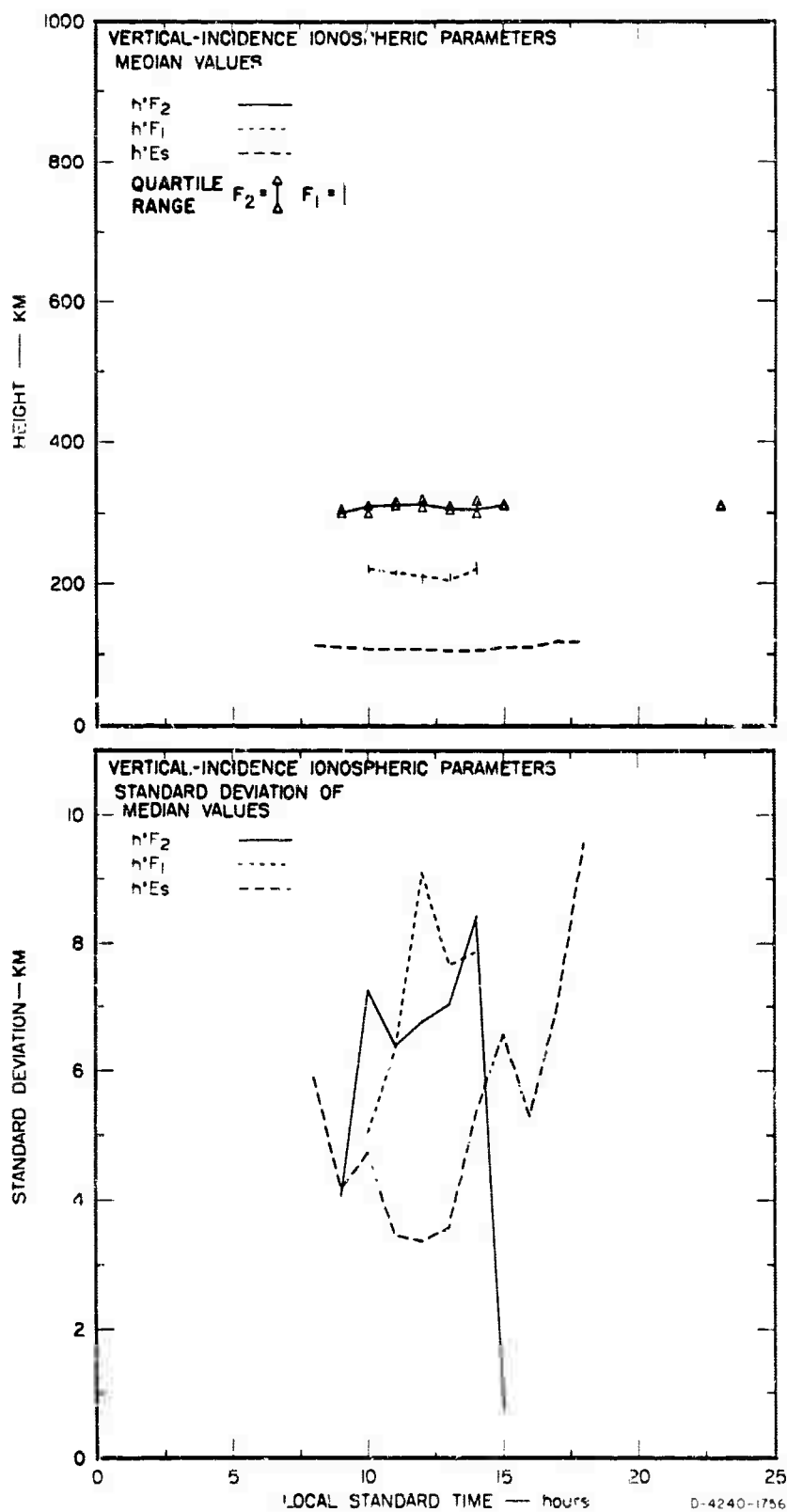


FIG. 42 VIRTUAL HEIGHT SUMMARY, SONGKHLA, NOVEMBER, 1966

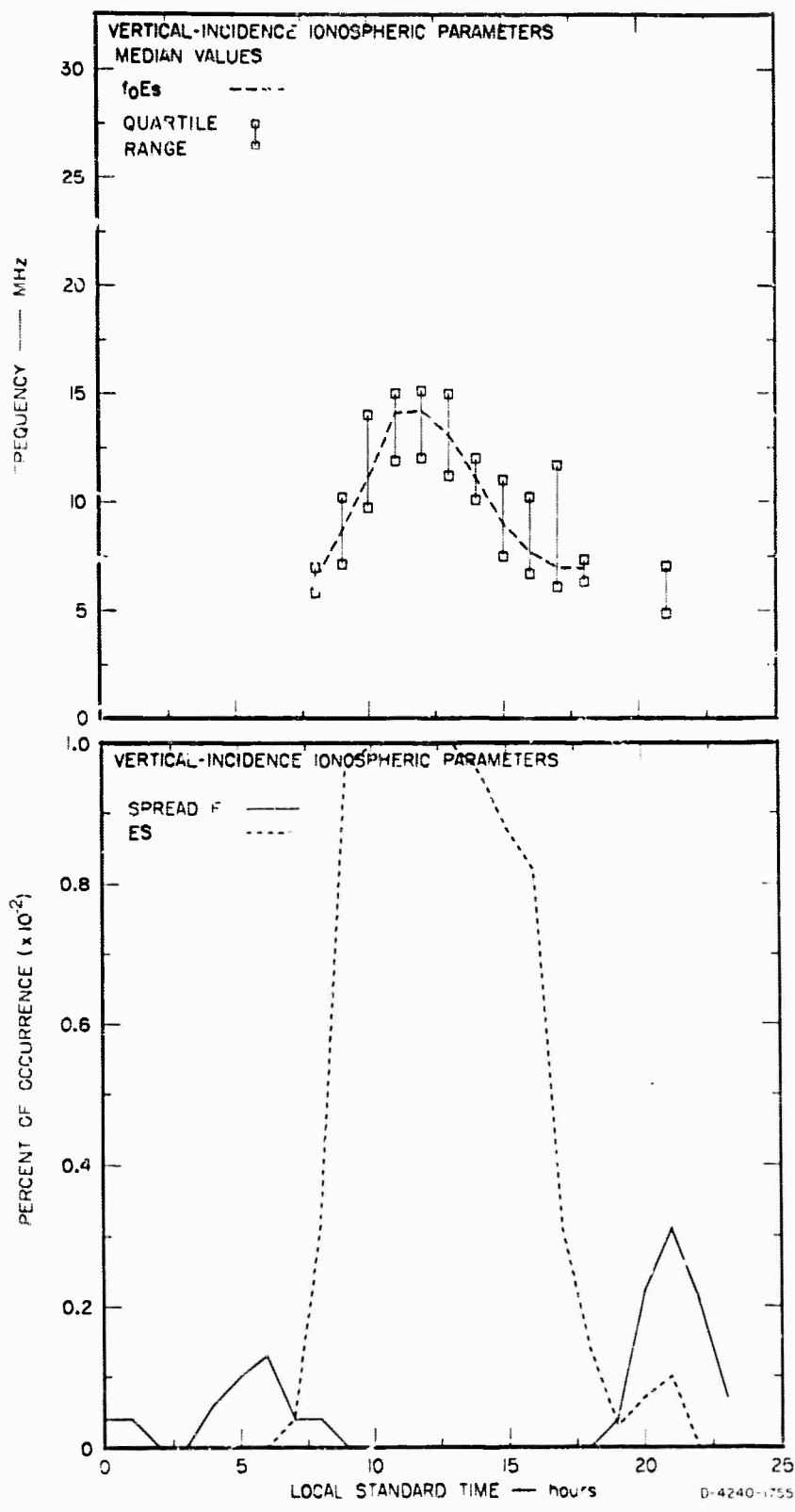


FIG. 43 SPORADIC E AND SPREAD F SUMMARY, SONGKHLA, NOVEMBER, 1966

CHARACTERISTIC. F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC. 1966

SITE. SONCENLA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	5.50R	5.40R	C	C	C	C	C	C
2	6.547	5.24	4.50	C	C	C	C	6.50
3	4.50	C	C	C	C	C	C	6.71R
4	5.03	C	C	C	C	C	C	7.22R
5	5.59	4.70	C	C	C	C	C	C
6	C	C	C	C	C	C	C	5.96
7	6.22R	C	C	C	C	C	C	C
8	7.66	6.50R	3.40	4.96	C	C	C	N
9	5.69	C	4.50	4.51	C	C	C	C
10	C	C	C	5.52	N	C	C	N
11	5.50	5.55	5.50	C	C	C	C	6.97R
12	N	5.70	5.50	C	C	C	C	6.51R
13	N	C	5.05	C	C	C	C	6.10R
14	C	C	C	C	C	C	C	7.55
15	F	7.50R	7.40R	6.75	6.41R	C	C	6.75R
16	7.05	5.20	5.50R	5.00	C	C	C	7.49R
17	5.60R	5.20	5.50	5.05R	5.05R	C	C	6.80R
18	5.50	5.25	5.55	5.05	4.70	C	C	6.55
19	5.60	C	4.50	4.63	C	C	C	6.90R
20	5.25	C	N	4.95	C	C	C	6.50R
21	6.40	6.50	C	C	C	C	C	6.65R
MEDIAN	5.60	5.25	5.20	4.77	...	...	...	6.71
S.D.MED	.83	.83	.77	.75	...	...	...	.42
L QUART	5.50	5.70	4.54	4.87	...	...	...	6.50
U QUART	6.40	5.66	5.50	5.05	4.87	...	...	6.97
RANGE	.90	4.00	2.00	5.04	4.86	0	0	.47
BLANK	0	0	0	5.00	6.00	6.00	16.00	0
ES	0	0	0	0	0	0	0	0
SPRD F	.06	.00	.00	.10	.25	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	8.00R	8.02	8.40	8.50	8.20	7.95	8.60	8.62R
2	8.16R	7.97	7.57	7.44	7.87	7.60	7.60	7.55R
3	7.69	7.55	7.40	7.55	7.69	8.08	8.04	8.24
4	8.46R	8.44	7.50	7.41	C	C	7.92	7.82
5	C	9.10	9.00	C	9.20R	9.22	9.12	9.46
6	7.57	8.00	8.06	8.36	9.62	9.92	9.00	C
7	7.01	7.57	7.71	7.42	7.78	8.28	9.09	9.10
8	8.78R	N	9.14	8.98	8.66	8.52	C	9.00
9	C	7.59	7.13	7.42	7.41	7.90	8.60	9.00
10	8.40	8.70	7.56	7.58	7.71	8.10	8.64	8.58
11	7.50	8.42	9.00	8.98	9.14	9.00	9.12	9.62
12	7.64	7.12	7.00	7.21	7.41	7.53	8.00	8.57
13	7.70R	7.47	7.15	7.05	7.20	7.75	8.20	8.56
14	8.60	8.40	8.40	8.53	8.80	9.00R	9.90	10.24
15	7.65	8.40	9.20	8.40	8.76	9.00	9.40R	9.90
16	9.00	9.00R	8.30	7.55	8.10	8.23	8.80R	9.00
17	8.40	8.56	8.00	8.20	9.04	8.40	8.22	8.30
18	7.30	8.40	8.20	8.50	8.00R	8.40	7.80	8.60
19	8.60	8.80	8.40	8.56	8.60	9.40	8.80	9.50R
20	7.60	8.90R	8.04	8.50	8.50	8.90	9.40	9.00
21	8.20R	9.00	9.10	9.10	9.00	10.20	10.50R	10.00
								C
MEDIAN	8.00	8.40	8.06	8.25	8.15	8.40	8.72	9.00
S.D.M.	.53	.58	.60	.64	.60	.77	.69	.74
L QUART	7.60	7.78	7.53	7.43	7.74	8.03	8.10	8.50
U QUART	8.46	8.66	8.70	8.45	8.73	9.00	9.12	9.46
RANGE	.86	.88	1.17	1.02	.99	.97	1.02	1.16
BLANK	0	0	0	0	0	0	0	0
ES	.47	.90	1.08	1.00	1.06	.90	.85	.89
SPRO F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F072

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONCEHLA
LOCAL STANDARD TIME

DAY /HR	1600	1700	1800	1900	2000	2100	2200	2300
1	9.04R	9.20R	9.08R	9.13R	9.52R	9.04R	9.24R	9.72R
2	7.60R	8.22R	8.42R	8.60R	8.24	8.18	7.11R	8.11
3	7.81	7.70	7.97R	7.90R	7.40R	7.81R	9.90	8.70
4	7.97	8.62	9.02	9.34	9.70R	8.86	7.86R	8.40
5	5.42R	10.04	S	C	C	C	C	C
6	8.70	9.20	9.20	9.92	9.89R	9.22	8.18R	7.52R
7	9.00	9.04	9.14	8.86	8.30	7.48R	7.27R	7.68R
8	9.58	9.92R	9.12	7.94R	7.90R	8.00R	8.60R	7.80R
9	8.60	8.00	N	C	C	C	C	C
10	9.82	9.20	8.82	8.24	8.40	8.42	7.97R	7.71R
11	9.96R	9.92R	9.30	9.01	8.42	9.10	N	8.72
12	8.24	9.22	10.02R	7.97	7.98	7.72	N	7.00R
13	9.10	9.50R	N	8.40	8.70	9.00R	N	C
14	10.40	11.10	11.90R	10.50	10.40R	9.20	8.44	9.00
15	9.90R	10.04	9.90R	8.70R	8.20R	9.24R	7.60R	7.25R
16	9.40R	9.20	8.80	8.40R	8.24	7.80	8.40R	7.60R
17	9.00	9.60	9.10	8.40R	8.40R	8.00	7.05R	6.50
18	8.60	8.80R	8.00R	7.40R	6.85R	F	8.55R	6.70
19	10.00R	10.00R	10.00R	9.50R	8.40R	8.20R	8.30R	7.00R
20	10.30	10.30R	9.80R	8.70	8.20R	8.30R	N	6.70R
21	S	9.20R	S	C	C	C	C	C
MEDIAN	9.03	9.22	9.12	9.55	9.35	8.30	7.70	7.00
S.D. MED	.79	.80	.22	.73	.82	.59	.65	.84
L QUART	8.60	8.90	8.81	8.86	8.20	7.90	7.27	6.70
U QUART	9.74	9.96	9.90	9.90	9.52	9.00	8.30	7.86
RANGE	1.14	1.06	1.09	.94	.32	1.10	1.03	.86
BLANK	0	0	0	0	0	0	0	0
ES	.71	.24	.14	.17	.11	.06	0	0
SPRO F	0	0	0	0	0	0	0	0

CHARACTERISTIC. M FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. SONGOLA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. M F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /MR	805	905	1005	1105	1205	1305	1400	1500
1	-	-	520	520	520	505	-	-
2	-	-	515	517	520	513	510	-
3	-	-	-	532	520	520	-	-
4	-	510	505	520	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	500	520	-	-	-	-
7	-	-	515	520	-	530	-	-
8	-	M	-	520	525	-	-	510
9	-	-	-	520	520	525	524	-
10	-	-	510	520	520	-	-	-
11	-	-	-	520	500	500	-	-
12	-	-	-	-	510	520	510	-
13	-	-	-	-	500	500	-	-
14	-	-	-	-	510	500	-	-
15	-	-	-	-	500	-	-	-
16	-	-	500	505	510	512	500	-
17	-	-	500	515	520	525	502	-
18	-	-	510	510	520	510	510	-
19	-	-	505	512	-	-	-	-
20	-	-	-	520	512	510	-	-
21	-	-	500	-	525	-	-	-
MEDIAN	0	..	505	520	520	513	506	..
S.D. MED	0	..	7.25	9.95	8.72	9.50	7.87	..
L QUART	0	..	500	515	511	507	500	..
U QUART	0	..	515	520	522	522	510	..
RANGE	0	..	15	7	11	15	10	..

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGCHIA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	S	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF1

ATMOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONENKA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
2	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
3	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
4	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
5	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
6	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
7	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
8	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
9	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
10	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
11	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
12	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
13	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
14	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
15	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
16	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
17	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
18	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
19	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
20	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
21	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----	-----C-----
MEDIAN	6	6	6	6	6	6	6	6
S.D. MED	0	0	0	0	0	0	0	0
L. QUANT	0	0	0	0	0	0	0	0
U. QUANT	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FORT

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE: SONGKHA
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	-	5.00	5.00	5.00	5.00	5.00	-
2	-	-	5.00	5.01	5.01	5.01	5.00	-
3	-	-	-	5.10	5.01	5.00	5.00	5.00
4	-	5.00	5.00	5.00	-	-	5.00	-
5	C	-	-	C	-	-	-	-
6	-	-	-	5.01	-	-	-	-
7	-	-	5.01	5.06	5.05	-	-	-
8	-	N	-	5.00	5.00	5.02	5.02	5.00
9	C	-	-	-	5.01	-	-	-
10	-	-	5.00	5.10	5.02	-	5.00	-
11	-	-	-	-	-	-	5.00	-
12	-	-	-	-	-	-	5.00	-
13	-	-	-	-	5.00	-	-	-
14	-	-	-	-	5.00	-	-	-
15	-	-	-	-	5.00	-	-	-
16	-	5.00	5.00	5.00	5.00	-	-	-
17	-	5.00	5.00	5.01	5.00	-	-	-
18	-	-	5.00	-	-	-	-	-
19	-	-	5.00	-	-	-	5.00	-
20	-	-	-	5.00	5.00	-	-	-
21	-	-	-	-	5.05	-	-	-
MEDIAN	0	..	5.00	5.01	5.00	5.00	5.00	..
S.D. MED	0	..	..	..	..	..	..	..
L QUART	0	..	5.00	5.04	5.03	5.01	5.01	..
U QUART	0	..	5.00	5.00	5.00	5.00	5.00	..
RANGE	0	..	5.00	5.06	5.02	5.00	5.00	..
		

CHARACTERISTIC. FOR

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONICKLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	S	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	N	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	S	-	S	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF?

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1968

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	30	40	50	60	70
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC. W FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	0805	0905	1005	1105	1205	1305	1405	1505
1	-	-	-	210	-	-	-	-
2	-	-	220	224	-	-	200	-
3	-	-	-	210	229	-	-	-
4	-	-	-	230	C	-	-	-
5	-	-	-	C	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	220	-	224	-	-
8	-	-	-	-	200	215	C	-
9	-	-	-	-	230	-	220	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	210	-	-	-
12	-	-	-	-	230	-	-	-
13	-	-	-	-	-	220	-	-
14	-	-	-	-	-	190	-	-
15	-	-	-	-	-	220	-	-
16	-	-	-	-	-	200	-	-
17	-	-	220	-	-	230	-	-
18	-	-	240	-	-	210	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
MEDIAN	0	0	220	220	220	217	0	0
S.D.	0	11.55	11.55	6.65	9.42	10.05	0	0
L. QUART	0	220	220	214	209	202	0	0
U. QUART	0	240	240	227	230	222	0	0
RANGE	0	20	20	13	21	17	0	0

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1996

SITE. SONCOKLA
LOCAL STANDARD TIME

DAY /HR 1600	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
MEDIA	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	-	11.000	10.960	12.000	12.000	11.000	10.960	13.000
2	-	7.46L	14.000	14.000	14.000	14.000	13.300	15.000
3	7.00L	9.00L	12.000	11.940	14.000	14.000	11.920	9.900
4	-	7.55L	9.700	12.000	C	C	11.900	9.900
5	C	8.400	8.900	C	12.000	10.240	13.000	11.600
6	8.96L	9.000	11.100	11.640	13.100	12.100	11.840	C
7	-	8.000	12.000	11.060	12.000	11.420	10.960	8.520
8	C	N	10.240	16.280	10.380	9.100	C	7.00L
9	-	9.000	11.420	14.000	14.300	14.160	14.100	11.920
10	6.97L	8.400	10.900	11.000	14.200	14.000	10.900	9.000
11	-	8.020	11.100	11.100	11.020	12.000	12.000	12.000
12	6.00L	10.320	10.000	14.100	14.020	14.220	14.300	8.960
13	-	9.200	13.500	11.700	11.200	14.000	14.000	7.10L
14	5.95L	10.360	14.000	15.000	13.300	14.000	13.400	6.10L
15	5.95L	9.300	11.300	11.200	12.300	13.000	11.500	14.900
16	-	7.10L	11.000	14.200	15.900	14.100	14.200	10.300
17	6.55L	10.400	11.400	13.400	14.900	13.100	12.100	10.400
18	-	9.000	11.900	10.200	9.200	11.500	11.000	10.900
19	6.60L	6.55L	11.000	8.000	10.000	9.200	5.50L	-
20	5.90L	-	11.000	8.000	9.100	7.250	-	C
21	-	6.65L	9.000	8.300	9.900	-	-	-
MEDIAN	6.00	8.02	11.10	11.07	12.55	13.35	11.92	10.00
S.D.MED	.73	1.21	1.35	1.94	2.02	2.45	2.10	2.00
L QUART	5.94	7.55	10.89	10.60	10.75	11.10	10.98	8.74
U QUART	6.70	9.20	11.95	13.70	14.25	14.10	13.79	11.76
RANGE	.64	1.65	1.06	3.01	3.50	3.10	2.61	5.02

CHARACTERISTIC. F0ES

ISOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1964

ITE. SONOCLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	7.00L	8.94L	10.000	7.40F	5.94F	-	-	-
2	8.94L	11.200	-	-	-	-	-	-
3	9.00L	-	-	-	-	-	-	-
4	9.77L	-	S	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	7.04L	-	-	-	-	-	-	-
7	6.51L	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	9.000	9.55L	N	-	-	-	-	-
10	-	-	-	5.97F	-	-	-	-
11	11.920	11.910	10.360	5.91F	-	-	-	-
12	6.45L	-	-	-	-	-	-	-
13	7.10L	-	N	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	10.700	11.100	10.400	-	5.91F	-	-	-
16	6.65L	-	-	-	-	-	-	-
17	6.00L	-	-	-	-	-	-	-
18	5.95L	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	6.50L	-	-	-	-	-	-	-
21	S	-	S	-	-	-	-	-
MEDIAN	7.00	11.10	10.36	9.97	..	0	0	0
S.D. MED	1.90	2.69	.22	.00	..	0	0	0
L QUART	6.45	7.24	10.00	5.90	..	0	0	0
U QUART	9.00	11.55	10.40	7.49	..	0	0	0
RANGE	2.55	4.51	.46	1.59	..	0	0	0

CHARACTERISTIC. W ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE: SONOBUA
LOCAL STANDARD TIME

DAY /HR	5	10	15	20	25	30	40	50	60	70
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
MEDIAN
S.D. MED
L. QUART
U. QUART
RANGE

CHARACTERISTIC. M ES

ATMOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	005	008	1005	1205	1305	1405	1505
1	-	110	105	104	110	104	105
2	-	105	110	110	106	105	105
3	105	105	103	110	105	110	105
4	-	106	105	C	C	110	105
5	C	106	C	105	100	100	109
6	103	105	102	100	110	105	C
7	-	105	110	115	110	105	110
8	-	110	103	104	100	C	110
9	C	110	105	110	105	105	105
10	105	105	105	110	105	105	112
11	-	106	110	100	105	105	105
12	112	106	103	105	100	105	105
13	-	105	105	105	100	105	105
14	110	110	105	105	110	106	110
15	110	105	103	103	105	105	105
16	-	115	105	107	105	100	105
17	110	105	105	105	105	105	107
18	-	110	106	105	110	105	105
19	110	110	105	104	105	112	-
20	110	105	105	105	105	-	-
21	-	105	100	106	105	-	C
MEDIAN	110	106	105	105	110	105	105
S.D. MED	3.99	2.98	2.73	3.59	2.74	2.69	2.91
L QUART	105	105	105	104	105	105	105
U QUART	111	110	109	109	110	100	109
RANGE	6	5	4	5	5	3	4

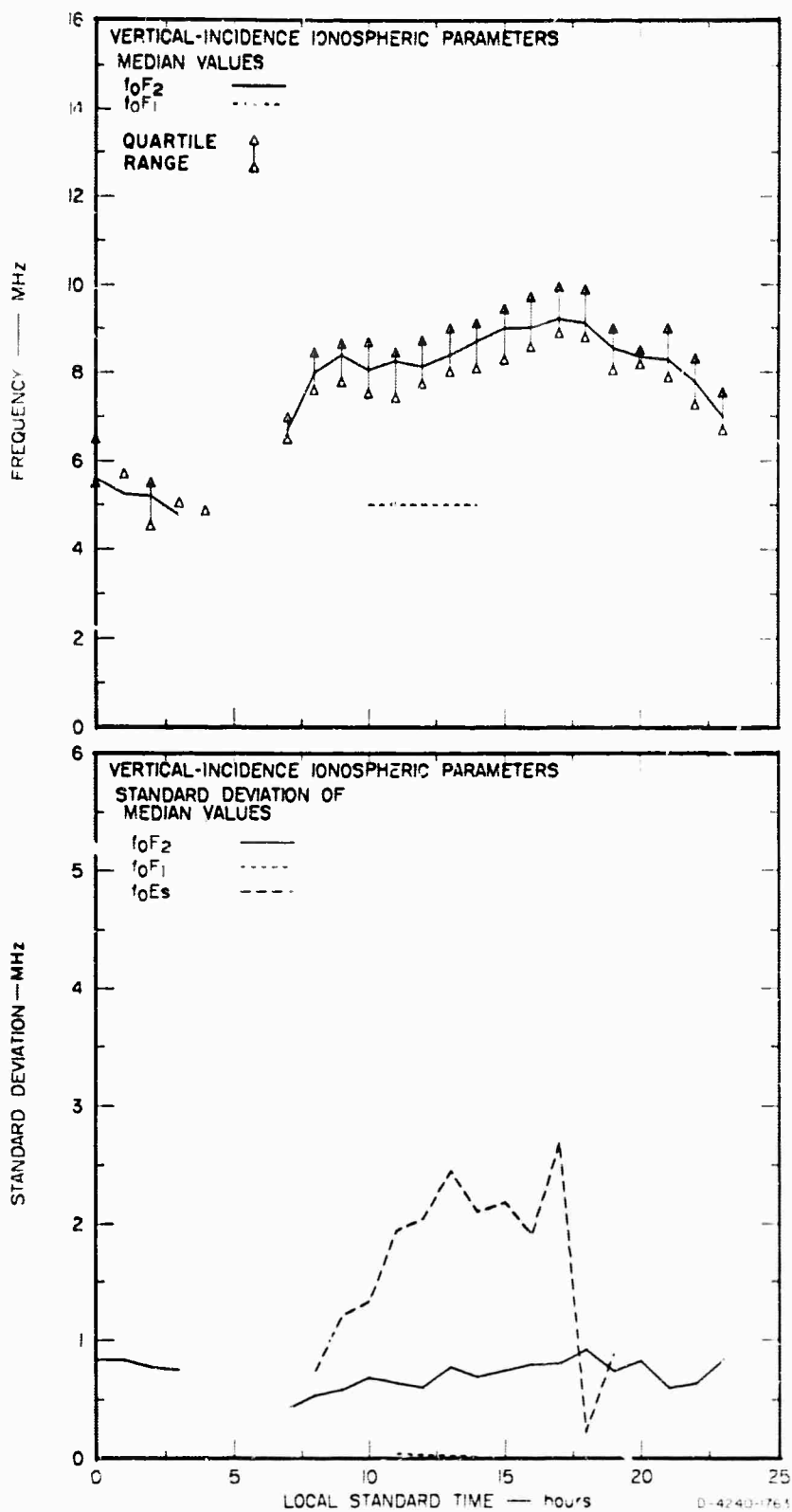
CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	105	113	120	120	123	-	-	-
2	108	114	-	-	-	-	-	-
3	111	-	-	-	-	-	-	-
4	105	-	S	C	C	C	C	C
5	-	-	-	-	-	-	-	-
6	109	-	-	-	-	-	-	-
7	110	-	-	-	-	-	-	-
8	-	112	N	C	C	C	C	C
9	105	-	-	110	-	-	N	-
11	105	105	105	110	-	-	N	-
12	105	-	N	-	-	-	N	-
13	105	-	-	-	-	-	-	-
14	-	110	110	-	120	-	-	-
15	105	-	-	-	-	-	-	-
16	106	-	-	-	-	-	-	-
17	115	-	-	-	-	F	-	-
18	105	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	104	-	S	C	-	C	N	C
21	S	-	-	-	-	-	-	-
MEDIAN	105	112	110	110	..	..	..	..
S.D. MED	3.54	4.31	6.45	9.77	..	..	..	..
L QUART	105	107	105	110	..	..	..	..
U QUART	109	116	123	120	..	..	..	..
RANGE	4	9	15	10	..	..	..	..



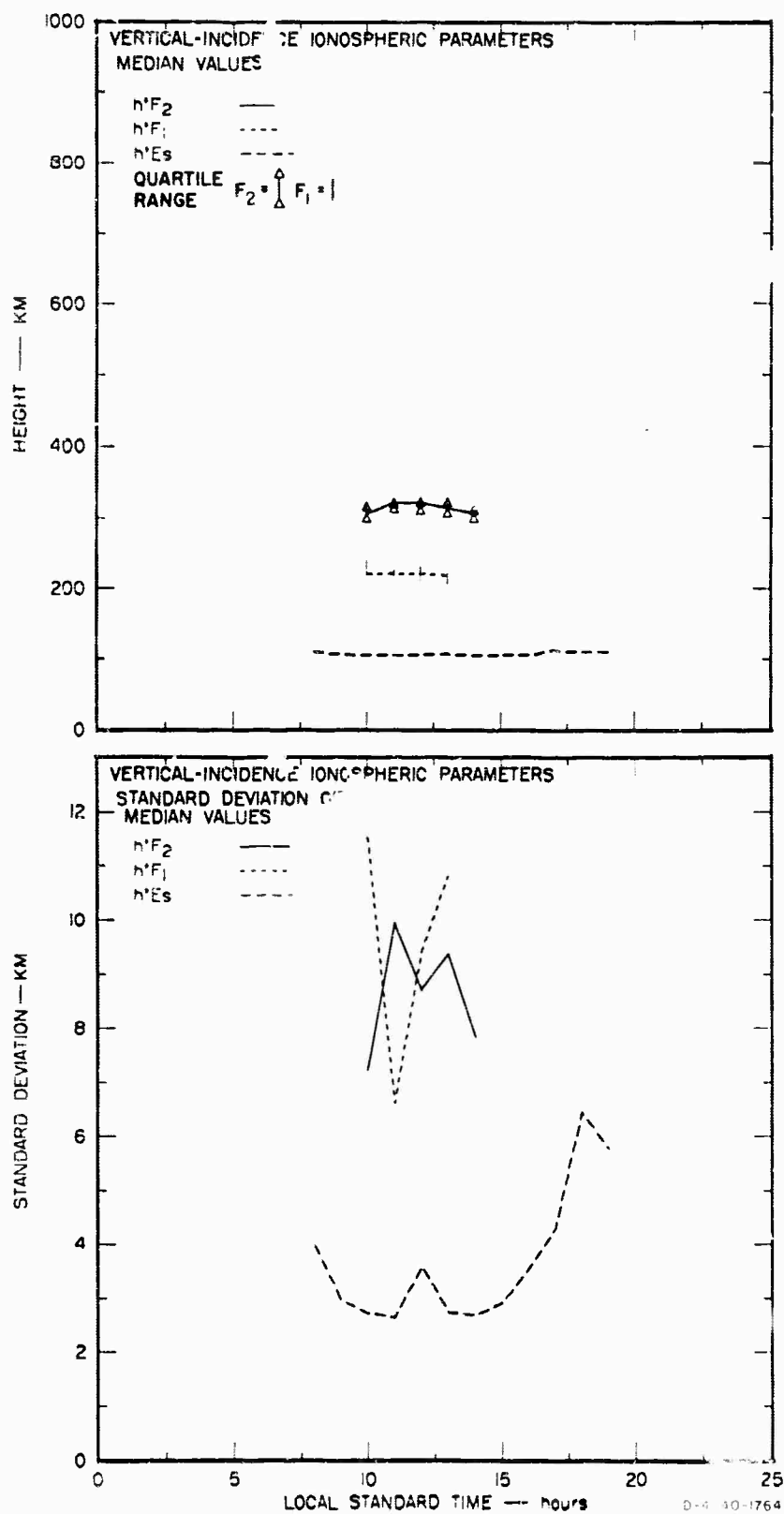


FIG. 45 VIRTUAL HEIGHT SUMMARY, SONGKHLA, DECEMBER, 1966

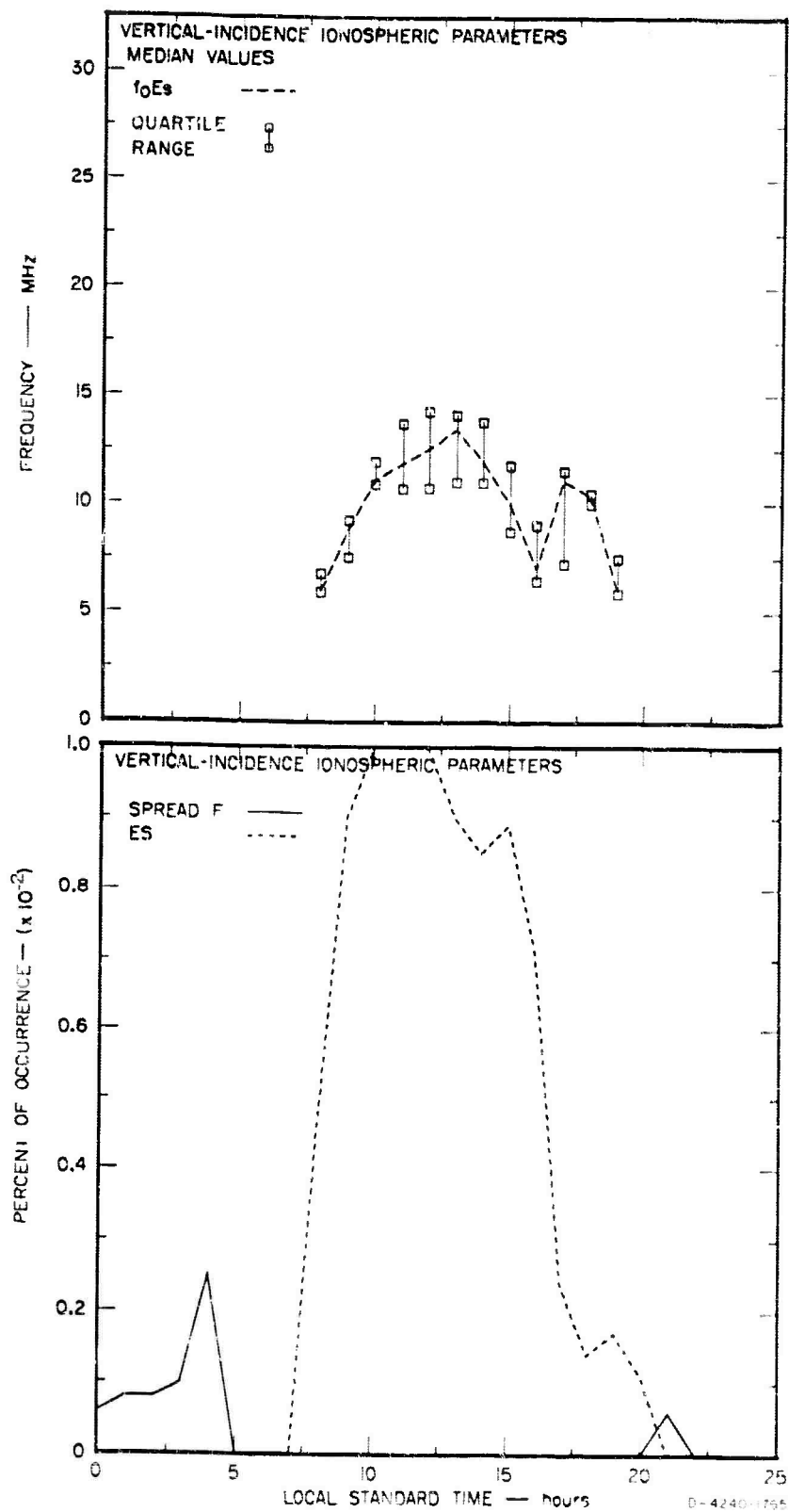


FIG. 46 SPORADIC E AND SPREAD F SUMMARY, SONGKHLA, DECEMBER, 1966

CHARACTERISTIC. FOFZ

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /NR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	6.55R	5.50	3.55R	C	C	C	C	6.55R
6	5.60	5.05	4.00R	C	C	C	C	7.15R
7	5.50	4.95	C	C	C	C	C	5.60
8	5.00R	7.35R	6.70R	C	C	C	C	6.10R
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	6.65R	6.55R	5.30	4.65	C	C	C	6.50
14	C	5.00	4.85	C	C	C	C	5.07R
15	C	5.40	4.70	C	C	C	C	5.00
16	6.00	C	C	C	C	C	C	C
17	4.70	C	C	C	C	C	C	5.25R
18	C	C	C	C	C	C	C	6.40R
19	C	C	C	C	C	C	C	6.60
20	5.25R	C	C	C	C	C	C	C
21	5.30	4.77	5.95	5.50	5.00	C	C	C
22	N	5.50	C	C	C	C	C	C
MEDIAN	5.60	5.50	5.07	...	...	...	...	6.37
S.D. MED	1.00	.85	.66	...	...	...	...	5.30
L QUART	5.27	4.77	4.75	...	...	...	...	5.85
U QUART	6.60	6.00	5.45	...	...	...	...	6.57
RANGE	1.33	1.25	.70	...	...	...	...	2.00
BLANK	0	2.00	0	6.00	1.00	1.00	11.00	0
ES	.00	0	0	.33	.56	0	0	0
SPD F	.11	0	.11	...	...	...	...	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SONCKHELA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	8.80	N	8.30R	8.20	8.20R	7.95R	8.20R	8.10R
6	8.80	9.50R	9.30R	9.50	8.50R	8.40R	8.20R	8.20R
7	8.80R	N	9.30R	9.50	9.00	8.10	7.50	7.55R
8	9.00	10.20	C	11.80R	12.70	12.80R	12.00	7.10
9	8.25R	9.00	C	C	C	C	C	12.20R
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	8.20	8.30	8.00	7.95	7.90	8.00	10.00R	10.40
14	7.00	C	6.15	6.55	6.50	6.60	8.20	9.60
15	6.50	6.50	6.15	6.55	7.45	8.50	6.60R	7.65
16	7.96	7.01	6.10	6.10	6.65	7.45	8.10	8.40
17	8.65R	8.62R	7.70	8.00	8.20	7.90R	7.45	8.36
18	C	C	C	C	C	C	8.00	8.44
19	C	C	C	C	C	C	C	C
20	8.40R	9.00	8.70R	8.40	8.40	8.60	8.02	C
21	8.00R	9.00	9.10	8.26	8.20	7.80	C	C
22	9.40	C	C	C	C	C	C	C
MEDIAN	8.40	9.00	8.50	8.20	8.20	8.00	8.10	8.36
S.D. MED	1.78	1.21	1.35	1.56	1.57	1.56	1.41	1.42
L QUART	7.98	7.65	6.92	7.25	7.45	7.80	7.50	7.65
U QUART	8.80	9.45	9.30	8.95	8.50	8.50	8.20	9.00
RANGE	.82	1.80	2.38	1.70	1.05	.70	.70	1.35
BLANK	0	0	0	0	0	0	0	0
ES	.31	.64	1.00	.80	.91	1.00	1.00	.91
SPR D F	0	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

DAY /HR	1605	1705	1805	1905	2005	2105	2215	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	8.21R	8.60	8.70R	8.40R	8.00R	C	C	C
4	7.15R	8.20	8.00R	8.50R	8.00R	C	C	C
5	7.15	8.40	8.00	8.30R	8.20R	7.45R	7.15R	7.40R
6	7.90	7.90	7.10	8.20R	8.20R	7.60	6.10R	6.50
7	10.20	10.10R	10.00R	C	10.00R	N	7.55	6.50
8	C	C	C	N	C	C	9.40	8.70R
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	11.00	12.50	10.00R	9.10	8.40	8.20	7.00R	7.20R
13	10.00R	10.50	10.00R	10.10	9.00	C	C	C
14	9.00R	10.00	10.00	8.40	6.60	C	C	C
15	9.00	10.00	10.10	9.40	8.20	6.35	C	C
16	8.00	9.20	9.00	9.00	9.00	8.42	5.50	7.50
17	C	C	C	C	C	C	C	4.00
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	9.40R	9.40R	8.00	7.80	7.65R	7.30R	6.00	6.70R
21	8.54	9.54	8.00	8.40	7.80R	7.00R	7.50R	6.60R
22	9.20R	9.20R	9.02	8.10R	7.50R	7.0	6.30	7.12R
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	8.95	9.20	8.00	8.40	8.00	7.00	7.05	6.91
S.D.	1.15	.81	.77	.66	1.04	.75	1.00	.96
1 QUART	7.90	8.47	8.40	8.25	7.57	7.15	6.60	6.50
3 QUART	10.00	10.05	10.00	9.05	8.20	8.00	7.05	7.50
MEAN	2.00	1.50	1.00	.80	1.15	.95	.95	.80
STDEV	.00	.00	.00	.00	.00	.00	.00	.00
MAX	.60	.51	.00	.00	.00	.00	.00	.00
SPAD F	.1	.0	.0	.0	.0	.35	.17	.09

CHARACTERISTIC. H F072

IONOSPHERIC DATA
VELOCITY INCIDENCE

JAN., 1967

SITE. SONOZOLA
LOCAL STANDARD TIME

DAY /HR	F	105	205	305	405	505	605	705
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUANT	0	0	0	0	0	0	0	0
U. QUANT	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SONCKHLA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	-	-	305	300	325	300	-	-
6	-	-	-	-	300	315	-	-
7	-	-	-	-	312	315	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
MEDIAN	0	..	312	300	320	315	307	..
S.D. MED	0	..	11.32	22.12	44.86	15.48	5.32	..
U QUART	0	..	302	300	302	325	303	..
L QUART	0	..	324	332	327	312	312	..
RANGE	0	..	22	32	25	13	9	..

**IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967**

SITE	SYMBOL	LOCAL	STANDARD TIME
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

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CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

[illegible][illegible]

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY	HR	005	905	1005	1105	1205	1305	1405	1505
1		C	C	C	C	C	C	C	C
2		C	C	C	C	C	C	C	C
3		C	C	C	C	C	C	C	C
4		C	C	C	C	C	C	C	C
5		C	C	C	C	C	C	C	C
6		C	C	C	C	C	C	C	C
7		C	C	C	C	C	C	C	C
8		C	C	C	C	C	C	C	C
9		C	C	C	C	C	C	C	C
10		C	C	C	C	C	C	C	C
11		C	C	C	C	C	C	C	C
12		C	C	C	C	C	C	C	C
13		C	C	C	C	C	C	C	C
14		C	C	C	C	C	C	C	C
15		C	C	C	C	C	C	C	C
16		C	C	C	C	C	C	C	C
17		C	C	C	C	C	C	C	C
18		C	C	C	C	C	C	C	C
19		C	C	C	C	C	C	C	C
20		C	C	C	C	C	C	C	C
21		C	C	C	C	C	C	C	C
22		C	C	C	C	C	C	C	C
MEDIAN		3	3	3	3	3	3	3	3
S.D. MED		0	0	0	0	0	0	0	0
L QUART		0	0	0	0	0	0	0	0
U QUART		0	0	0	0	0	0	0	0
RANGE		0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SONCKHLA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305	
1	C	C	C	C	C	C	C	..
2	C	C	C	C	C	C	C	..
3	C	C	C	C	C	C	C	..
4	C	C	C	C	C	C	C	..
5	C	C	C	C	C	C	C	..
6	C	C	C	C	C	C	C	..
7	C	C	C	C	C	C	C	..
8	C	C	C	C	C	C	C	..
9	C	C	C	C	C	C	C	..
10	C	C	C	C	C	C	C	..
11	C	C	C	C	C	C	C	..
12	C	C	C	C	C	C	C	..
13	C	C	C	C	C	C	C	..
14	9.90	C	C	C	C	C	C	..
15	C	C	C	C	C	C	C	..
16	C	C	C	C	C	C	C	..
17	C	C	C	C	C	C	C	..
18	C	C	C	C	C	C	C	..
19	C	C	C	C	C	C	C	..
20	C	C	C	C	C	C	C	..
21	C	C	C	C	C	C	C	..
22	C	C	C	C	C	C	C	..
23	C	C	C	C	C	C	C	..
24	C	C	C	C	C	C	C	..
25	C	C	C	C	C	C	C	..
26	C	C	C	C	C	C	C	..
27	C	C	C	C	C	C	C	..
28	C	C	C	C	C	C	C	..
29	C	C	C	C	C	C	C	..
30	C	C	C	C	C	C	C	..
31	C	C	C	C	C	C	C	..
MEDIAN	..	..	..	..	..	..	..	..
S.D. MED	..	..	..	..	..	..	..	..
L QUART	..	..	..	..	..	..	..	..
U QUART	..	..	..	..	..	..	..	..
RANGE	..	..	..	..	..	..	..	..

CHARACTERISTIC. M FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SONGKHLA LOCAL STANDARD TIME											
DAY /HR	005	095	1005	1105	1205	1305	1405	1505	1605	1705	1805
1	C	C	C	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0	0	0	0

**IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967**

**SITE. SONCKELA
LOCAL STANDARD TIME**

385

CHARACTERISTIC. F0E3

LONGSPHERIC DATA
VERTICAL INCIDENCE

JUN., 1967

SITE: SONGKHA
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
MEDIAN
S.D. MED
L. QUANT
U. QUANT
RANGE

CHARACTERISTIC. FOGS

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. SONGKRA
LOCAL STANDARD TIME

DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	-	N	7.55L	10.400	9.000	11.100	11.200	6.55L
6	-	7.00L	9.200	11.000	11.200	12.000	12.000	11.000
7	-	7.00L	8.400	11.5	12.000	12.000	12.000	12.000
8	-	7.00L	C	-	-	6.55L	11.000	7.40L
9	-	7.00L	C	C	C	C	C	C
10	-	7.00L	C	C	C	C	C	C
11	-	7.00L	C	C	C	C	C	C
12	-	10.000	C	C	C	C	C	C
13	-	10.000	14.100	14.200	14.200	14.000	10.400	3.200
14	7.05L	10.000	15.100	14.000	14.000	14.000	15.000	13.200
15	7.50L	10.200	15.000	14.000	15.000	15.000	10.500	8.000
16	8.000	10.200	15.000	14.000	15.000	15.000	11.500	6.35L
17	-	8.400	11.000	14.000	14.400	14.200	15.000	8.900
18	-	C	C	C	C	15.000	11.940	10.000
19	-	C	C	C	C	C	C	C
20	-	8.360	10.600	10.200	11.600	13.240	12.000	C
21	3.05L	C	14.000	14.000	15.000	15.220	C	C
22	-	C	C	C	C	C	C	C
MEDIAN	7.27	8.40	12.25	14.00	14.10	14.00	11.94	6.05
S.D. MED	1.06	1.52	2.64	2.17	2.12	2.70	1.50	2.25
L QUART	0.45	7.00	9.20	10.70	11.20	11.10	11.00	7.40
U QUART	8.15	10.20	14.00	14.60	14.00	15.00	12.00	11.00
RANGE	1.70	3.20	4.80	3.90	3.60	3.90	1.90	3.60

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

J/N., '967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1 C	C	C	C	C	C	C	C
2 C	C	C	C	C	C	C	C
3 C	C	C	C	C	C	C	C
4 C	C	C	C	C	C	C	C
5 6.60L	7.93L	C	C	C	C	C	7.81F
6 7.50L	C	C	C	C	C	C	C
7 10.000	C	C	C	C	C	C	C
8 8.300	C	C	C	C	C	C	C
9 C	C	C	C	C	C	C	C
10 C	C	C	C	C	C	C	C
11 C	C	C	C	C	C	C	C
12 7.200	C	C	C	C	C	C	C
13 9.100	C	C	C	C	C	C	C
14 C	C	C	C	C	C	C	C
15 C	6.65L	C	C	C	C	C	C
16 C	C	C	C	C	C	C	C
17 C	6.74L	C	C	C	C	C	C
18 C	7.55L	C	C	C	C	C	C
19 C	C	C	C	C	C	C	C
20 C	C	C	C	C	C	C	C
21 C	C	C	C	C	C	C	C
22 C	C	C	C	C	C	C	C
23 C	C	C	C	C	C	C	C
24 C	C	C	C	C	C	C	C
25 C	C	C	C	C	C	C	C
26 C	C	C	C	C	C	C	C
27 C	C	C	C	C	C	C	C
28 C	C	C	C	C	C	C	C
29 C	C	C	C	C	C	C	C
30 C	C	C	C	C	C	C	C
31 C	C	C	C	C	C	C	C
EDIAN 7.09	7.12	0	0	0	0	0	0
S.D. MED 1.18	4.42	0	0	0	0	0	0
L QUANT 7.20	4.69	0	0	0	0	0	0
U QUANT 9.10	7.52	0	0	0	0	0	0
RANGE 1.00	.83	0	0	0	0	0	0

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONCKHLA
LOCAL STANDARD TIME

DAY /HR	B	105	205	305	405	505	605	705
1	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
2	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
3	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
4	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
5	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
6	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
7	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
8	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
9	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
10	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
11	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
12	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
13	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
14	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
15	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
16	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
17	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
18	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
19	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
20	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
21	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
22	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC	CCCC
MEDIAN	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...
L. QUART	...	...	...	...	...	...	...	...
U. QUART	...	...	...	...	...	...	...	...
RANGE	...	...	...	...	...	...	...	...

CHARACTERISTIC. N ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. SONGKHA
LOCAL STANDARD TIME

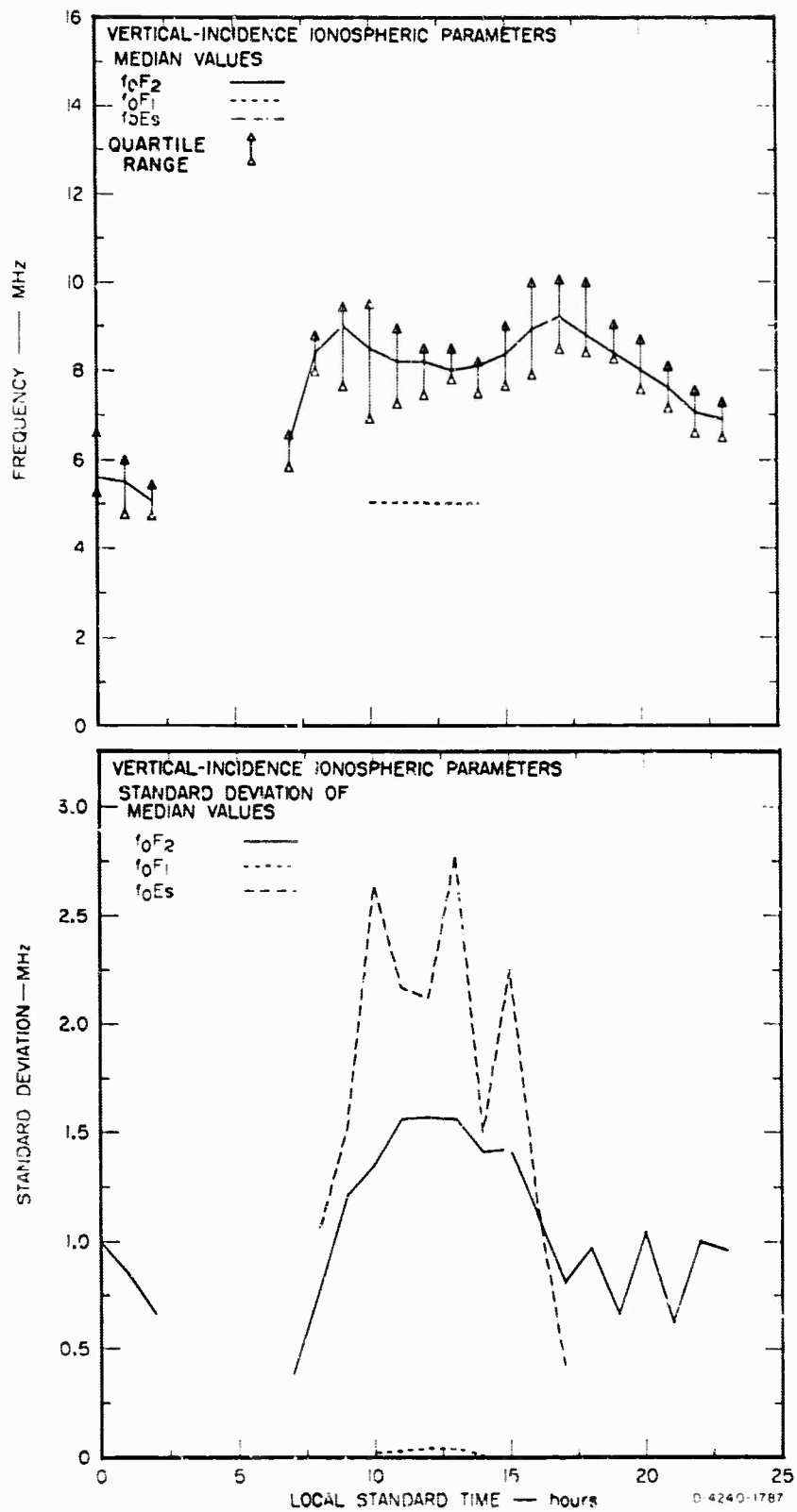
DAY /HR	005	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
MEDIAN	109	109	105	105	102	103	105	105
S.D.	2.07	2.12	4.12	2.02	3.15	2.26	2.09	2.09
L QUANT	109	109	109	102	102	102	102	102
U QUANT	111	110	110	105	105	105	105	105
RANGE	6	8	8	7	5	3	4	3

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE: SONGKHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	119	110	110	110	110	110	110	125
6	119	110	110	110	110	110	110	125
7	119	110	110	110	110	110	110	125
8	119	110	110	110	110	110	110	125
9	119	110	110	110	110	110	110	125
10	119	110	110	110	110	110	110	125
11	119	110	110	110	110	110	110	125
12	119	110	110	110	110	110	110	125
13	119	110	110	110	110	110	110	125
14	119	110	110	110	110	110	110	125
15	119	110	110	110	110	110	110	125
16	119	110	110	110	110	110	110	125
17	119	110	110	110	110	110	110	125
18	119	110	110	110	110	110	110	125
19	119	110	110	110	110	110	110	125
20	119	110	110	110	110	110	110	125
21	119	110	110	110	110	110	110	125
22	119	110	110	110	110	110	110	125
23	119	110	110	110	110	110	110	125
24	119	110	110	110	110	110	110	125
25	119	110	110	110	110	110	110	125
26	119	110	110	110	110	110	110	125
27	119	110	110	110	110	110	110	125
28	119	110	110	110	110	110	110	125
29	119	110	110	110	110	110	110	125
30	119	110	110	110	110	110	110	125
31	119	110	110	110	110	110	110	125
MEDIAN	109	108	108	108	108	108	108	108
S.D. MED	3.44	10.21	10.21	10.21	10.21	10.21	10.21	10.21
L. QUANT	105	105	105	105	105	105	105	105
U. QUANT	110	110	110	110	110	110	110	110
RANGE	5	14	14	14	14	14	14	14



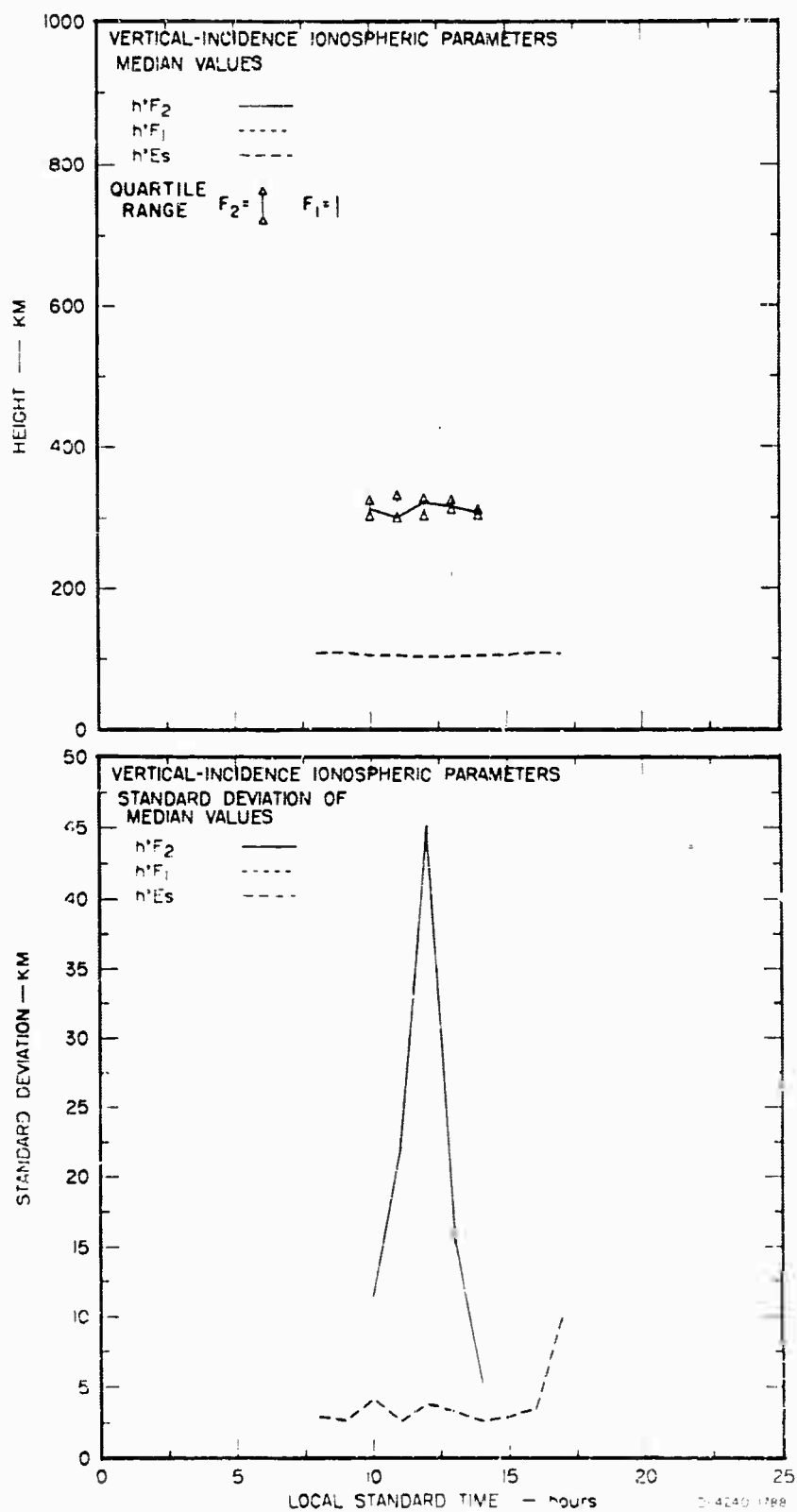
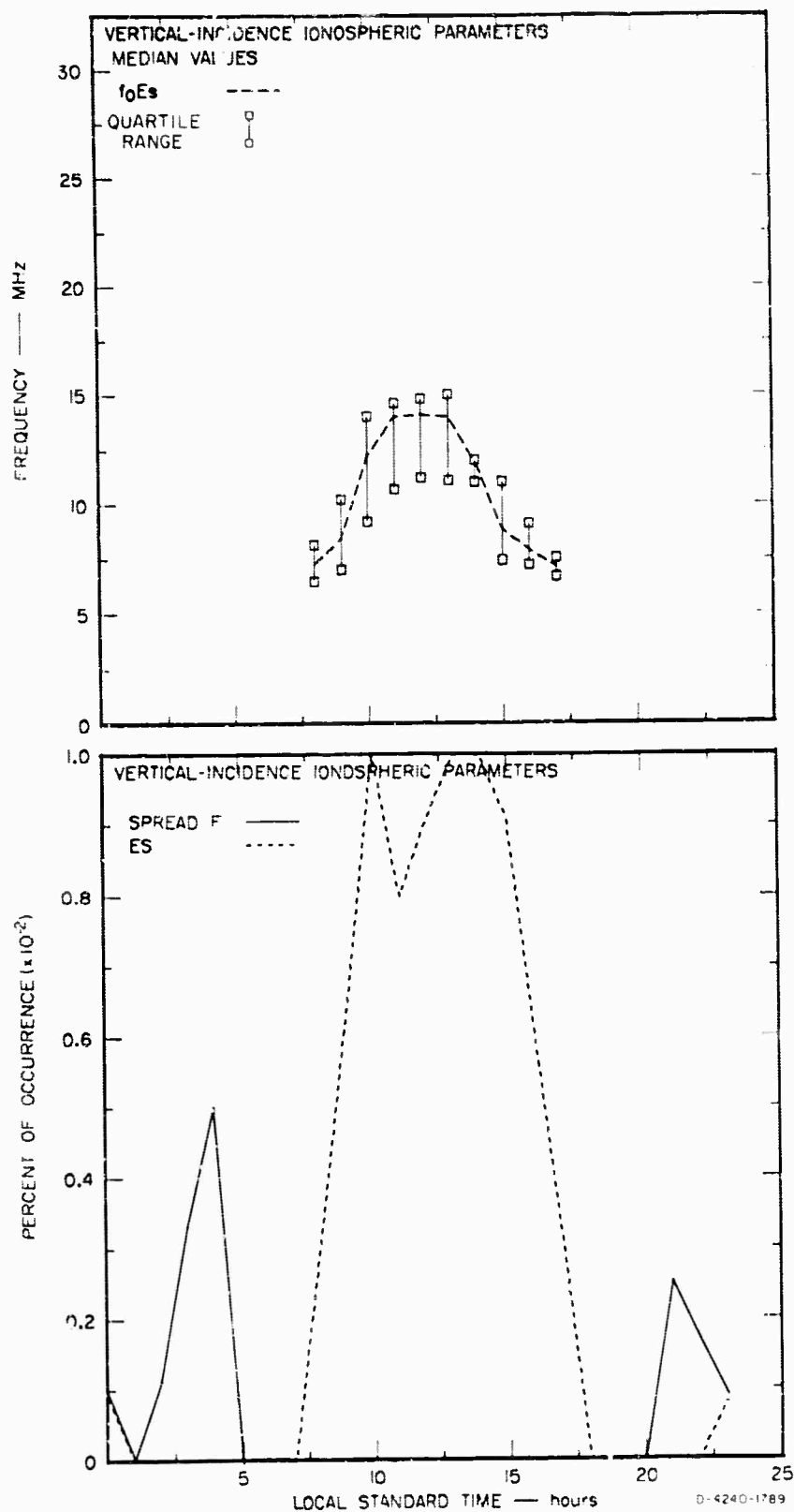


FIG 48 VIRTUAL HEIGHT SUMMARY, SONGKHLA, JANUARY, 1967



CHARACTERISTIC. F052

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB.. 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	S	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F
18	6.50R	5.55	5.40	4.80R	4.71	4.71	4.71	4.71
19	F	F	F	F	F	F	F	F
20	6.20	7.55R	7.32R	5.45R	5.52	5.52	5.52	5.52
21	F	7.55R	N	6.78R	6.24R	6.24R	6.24R	6.24R
22	F	F	N	6.55R	4.58	4.58	4.58	4.58
23	9.00	9.08R	N	5.12	F	F	F	F
24	N	F	N	F	F	F	F	F
25	F	F	N	F	F	F	F	F
26	F	F	F	F	F	7.00R	7.00R	7.00
27	F	F	F	F	F	F	F	6.90
28	F	F	F	F	F	F	F	6.90
MEDIAN	6.20	7.64	5.60	5.15	4.71	4.71	4.71	4.71
S.D. MED	1.08	1.27	1.07	1.04	1.07	1.07	1.07	1.07
L QUANT	6.50	6.55	5.10	4.96	4.96	4.96	4.96	4.96
U QUANT	9.00	8.49	7.62	6.66	5.88	5.88	5.88	5.88
RANGE	2.50	1.93	1.92	1.70	1.92	1.92	1.92	1.92
BLANK	0	0	0	0	0	0	0	0
ES	0	0	0	0	0	0	0	0
SPRD F	.06	.06	.75	.69	.69	.69	.69	.69

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. SONGKHA
LOCAL STANDARD TIME

DAY /HR	805	908	1005	1105	205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	8.40	9.00	8.50	9.40	8.85	8.40	8.50	9.10
12	9.50R	9.40	9.50	9.00	8.00	8.50	8.50	8.50
13	9.00R	10.00R	-	9.00	10.20	10.20	9.20	10.20
14	8.90	-	9.00	9.00	9.20	9.10	9.20	9.40R
15	8.20	8.00	8.40	9.00	8.00	9.00	9.50	10.00R
16	8.50	8.00R	8.40	9.00	10.00R	9.00	11.00	10.00R
17	9.10R	9.40R	9.14	9.10	9.30R	9.40R	9.10	10.00R
18	8.40R	8.40	8.56	8.84	8.00	9.00	9.00	9.00
19	8.80	10.00	10.00R	9.90R	9.00	10.20	10.20	10.20
20	8.90R	9.40R	9.40	9.42	9.50R	9.46	9.20	9.20R
21	9.00	10.40R	10.10R	11.00	10.00	11.10	11.20	11.00R
22	9.90R	10.20R	11.00	11.00	11.00	11.10	11.00	11.70
23	-	9.20R	9.10	10.30R	10.50R	11.00	12.00R	12.00
24	9.00	10.00	9.92R	10.50	9.10	10.10	11.00	11.00
25	10.20	11.00R	C	8.24	C	C	10.20	9.94
26	9.10	9.10	8.86	8.20	8.00	9.00	9.90R	10.20
27	10.00R	10.00	9.10	8.30	8.20	8.50	9.50	8.00
28								
MEDIAN	9.00	9.44	9.14	9.42	9.27	9.44	9.90	10.00
S.D. MED	.62	.72	.77	.95	.84	.95	1.11	1.12
L. QUART	8.65	9.05	8.86	8.84	8.95	9.23	9.05	9.15
U. QUART	9.65	10.12	9.92	10.50	10.10	10.23	11.00	10.60
RANGE	1.02	.97	1.06	1.66	1.25	1.20	1.95	1.45
BLANK	0	0	0	0	0	0	0	0
ES	.50	1.00	1.00	1.00	.94	.93	.94	.00
SPRO F	0	0	0	0	0	0	0	0

CHARACTERISTIC. F072

IONOSPHERIC DATA
VERTICAL INCIDENCE
F072, 1967

SITE. SONCKELA
LOCAL STANDARD TIME

DAY /HR	1600	1700	1800	1900	2000	2100	2200	2300
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	10.00	10.70	10.70	7.45R	C	C	C	C
11	C	0.00	0.00	9.20	9.00R	0.00R	C	C
12	0.50	0.90	0.20	N	0.50R	F	C	C
13	10.24	10.40	10.40R	0.60	N	F	C	C
14	10.60R	0.20R	0.00	0.90R	9.12R	F	C	C
15	0.80R	0.00R	0.70R	0.92R	0.60R	9.00R	10.20R	0.60R
16	0.90R	0.00R	0.00R	10.02R	S	F	F	F
17	0.90R	0.00R	11.40R	0.96	9.62	F	7.65R	F
18	10.66	10.02R	0.00	10.22	9.20R	F	0.40R	9.00R
19	0.00	0.40R	0.50R	0.60	7.65R	F	F	N
20	10.20R	0.00R	0.44R	0.20R	10.20R	0.50R	F	N
21	0.20R	0.40R	0.00	0.60	7.50R	F	F	F
22	11.50R	10.50	0.00	9.20R	F	F	F	F
23	12.06R	11.06R	10.30R	11.00R	10.20R	F	F	F
24	12.04R	N	N	10.60R	F	F	F	F
25	10.30	11.50R	11.52R	10.92R	F	F	F	F
26	10.00	0.00R	10.02	10.94R	F	F	F	F
27	11.00	11.06R	N	0.00R	F	F	F	F
28	0.60	0.90	-	0.10R	F	F	F	F
MEDIAN	10.00	10.60	9.44	9.00	9.05	0.65	0.75	0.00
S.D. MED	1.15	1.06	1.06	1.00	0.75	0.66	0.95	0.00
L QUART	9.00	9.06	9.00	0.60	0.85	0.40	0.05	0.00
U QUART	10.25	10.09	10.00	10.12	9.41	0.95	0.60	0.00
RANGE	1.35	1.04	1.00	1.52	0.86	0.95	1.55	0.00
BLANK	0	0	0	0	0	0	0	0
LS	0	0	0	0	0	0	0	0
SPRO F	0	0	0	0	0.47	0.76	0.76	0.85

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

**SITE. SONGKHLA
LOCAL STANDARD TIME**

398

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. SONGKHLA LOCAL STANDARD TIME						
DAY /HR	005	095	1035	1105	1205	1505
1	C	C	C	C	C	C
2	C	C	C	C	C	C
3	C	C	C	C	C	C
4	C	C	C	C	C	C
5	C	C	C	C	C	C
6	C	C	C	C	C	C
7	C	C	C	C	C	C
8	C	C	C	C	C	C
9	C	C	C	C	C	C
10	C	C	C	C	C	C
11	C	C	C	C	C	C
12	C	C	C	C	C	C
13	C	C	C	C	C	C
14	C	C	C	C	C	C
15	C	C	C	C	C	C
16	C	C	C	C	C	C
17	C	C	C	C	C	C
18	C	C	C	C	C	C
19	C	C	C	C	C	C
20	C	C	C	C	C	C
21	C	C	C	C	C	C
22	C	C	C	C	C	C
23	C	C	C	C	C	C
24	C	C	C	C	C	C
25	C	C	C	C	C	C
26	C	C	C	C	C	C
27	C	C	C	C	C	C
28	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0
RANGE	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

FD-302 (Rev. 1-25-60)

**SIZE. SONGS ONLY
LOCAL STANDARDS TIME**

DAY 168

[illegible]

**MEDIAN
S.D. MED
L. QUANT
U. QUANT
RANGE**

CHARACTERISTIC. P-21

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. SONOGULA
LOCAL STANDARD TIME

DAY /HR	000	015	105	1205	1305	1405	1505
1	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U
MEDIAN	U	U	U	U	U	U	U
S.O. MED	U	U	U	U	U	U	U
L QUANT	U	U	U	U	U	U	U
U QUANT	U	U	U	U	U	U	U
RANGE	U	U	U	U	U	U	U

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

[illegible][illegible]

CHARACTERISTIC. M FOF1

LONGSERVIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. SONENKLA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
2	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
3	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
4	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
5	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
6	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
7	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
8	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
9	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
10	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
11	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
12	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
13	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
14	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
15	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
16	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
17	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
18	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
19	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
20	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
21	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
22	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
23	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
24	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
25	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
26	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
27	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
28	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000	0000000000
MEDIAN				220	212	207	210	217
S.D. MED				4.77	6.03	2.55	6.12	4.40
L QUANT				217	205	215	210	210
U QUANT				224	217	211	210	220
RANGE				7	12	6	10	10

DAY /HR	1605	1705	1805	2005	2105	3205	2305
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE: SONGKHLA
LOCAL STANDARD TIME

DAY /HR	0	105	205	305	405	505	605	705
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MEDIAN
S.D. MED
U QUART
RANGE

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	7.00L	8.800	14.000	14.000	15.000	15.000	14.600	9.100
12	-	8.700	11.400	12.000	15.000	15.000	14.000	11.000
13	-	7.90L	9.000	11.200	11.000	15.000	14.100	10.000
14	-	8.500	13.100	12.000	13.920	14.780	13.200	10.100
15	-	8.00L	11.000	11.200	14.600	14.000	13.600	9.000
16	7.00L	8.300	8.800	13.600	14.200	15.000	11.200	9.000
17	5.60L	8.200	11.000	14.000	9.80L	14.300	11.400	9.100
18	7.00L	8.200	10.920	14.920	15.000	14.300	9.000	8.200
19	-	8.300	11.220	11.920	12.960	12.300	12.320	7.720
20	-	6.80L	8.100	8.500	11.060	8.400	8.300	5.90L
21	-	8.200	11.200	14.400	12.800	13.300	13.200	5.100
22	-	8.400	9.000	13.100	9.100	8.300	6.52L	5.90L
23	7.00L	9.000	13.100	13.100	9.000	8.300	-	-
24	8.300	9.100	8.600	11.600	9.100	8.900	11.100	6.10L
25	8.200	6.000	11.300	14.100	14.000	11.100	14.000	8.920
26	8.90L	11.000	C	14.100	C	C	13.200	8.900
27	9.000	9.000	14.200	14.000	14.900	14.020	15.300	15.000
28	6.90L	9.000	14.100	15.000	14.90	14.300	-	-
MEDIAN	7.00	8.59	11.22	13.10	13.44	13.50	12.08	9.00
S.D. MED	1.02	.82	1.93	2.09	2.41	2.50	2.84	2.24
L. QUART	6.90	8.20	9.00	11.20	10.43	11.10	10.05	7.72
U. QUART	8.20	9.00	13.10	14.25	14.85	14.50	13.95	10.00
RANGE	1.30	.80	4.10	3.05	4.42	3.20	3.90	2.28

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. SONOMA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	5.65L	4.30L	C	C	C	C	C	C
11	C	6.55L	C	C	C	C	C	C
12	9.000	10.300	10.800	C	C	C	C	C
13	10.000	5.00L	16.000	C	C	C	C	C
14	9.600	16.000	16.000	C	C	C	C	C
15	9.900	-	-	C	C	C	C	C
16	10.000	-	-	C	C	C	C	C
17	0.740	-	-	C	C	C	C	C
18	0.000	-	-	C	C	C	C	C
19	0.200	-	-	C	C	C	C	C
20	5.03L	5.85L	-	C	C	C	C	C
21	-	8.040	-	C	C	C	C	C
22	-	N	-	C	C	C	C	C
23	-	-	-	C	C	C	C	C
24	-	-	-	C	C	C	C	C
25	10.000	7.350	14.200	C	C	C	C	C
26	9.000	13.400	-	C	C	C	C	C
27	11.000	-	-	C	C	C	C	C
28	-	-	-	C	C	C	C	C
MEDIAN	9.00	7.35	14.20	..	..	..	..	..
S.D. MED	1.49	3.90	2.22	..	..	..	..	..
L QUART	8.47	5.87	10.80	..	..	..	..	..
U QUART	10.00	11.85	16.00	..	..	..	..	..
RANGE	1.53	5.98	5.20	..	..	..	..	..

ATMOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

**SITE. SONGHLA
LOCAL. STANDARD TIME**

410

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1957

SITE. SONCKWILA
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	102	105	104	101	105	102	110	110
12	-	105	105	112	105	102	110	104
13	-	105	105	110	105	102	105	104
14	-	101	105	105	105	108	111	106
15	-	105	104	104	104	101	104	108
16	-	104	104	105	102	101	101	113
17	110	104	105	105	105	101	104	102
18	105	103	105	105	105	101	105	104
19	-	105	105	105	105	108	110	106
20	-	105	105	102	102	108	109	111
21	-	105	105	110	104	110	110	102
22	-	110	105	105	105	102	101	100
23	-	101	105	105	105	100	105	-
24	105	106	105	102	101	100	105	110
25	105	105	105	101	101	105	105	110
26	105	110	105	105	105	100	104	110
27	110	100	105	102	105	100	101	105
28	110	102	105	102	101	105	102	
MEDIAN	107	105	105	105	105	102	104	106
S.D. MED	5.15	2.01	2.44	3.55	2.52	3.79	3.72	3.49
L QUART	105	103	105	102	102	101	102	103
H QUART	110	105	105	107	105	108	109	110
RANGE	5	2	2	6	3	7	7	7

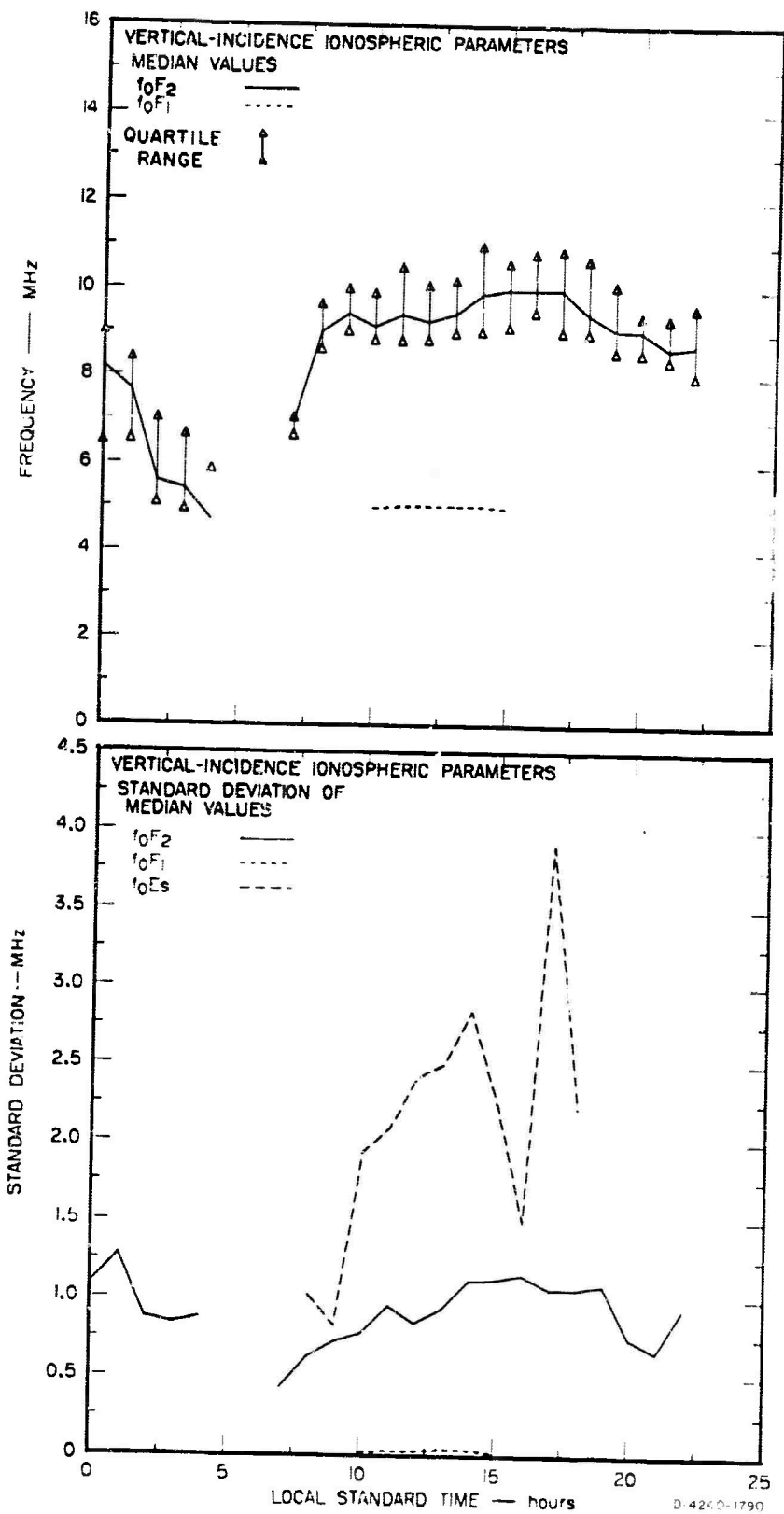
CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. SONGKHLA
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	102	110	110	110	110	110	110	110
2	105	110	110	110	110	110	110	110
3	110	110	110	110	110	110	110	110
4	110	110	110	110	110	110	110	110
5	110	110	110	110	110	110	110	110
6	110	110	110	110	110	110	110	110
7	110	110	110	110	110	110	110	110
8	110	110	110	110	110	110	110	110
9	110	110	110	110	110	110	110	110
10	110	110	110	110	110	110	110	110
11	110	110	110	110	110	110	110	110
12	110	110	110	110	110	110	110	110
13	110	110	110	110	110	110	110	110
14	110	110	110	110	110	110	110	110
15	110	110	110	110	110	110	110	110
16	110	110	110	110	110	110	110	110
17	110	110	110	110	110	110	110	110
18	110	110	110	110	110	110	110	110
19	110	110	110	110	110	110	110	110
20	110	110	110	110	110	110	110	110
21	110	110	110	110	110	110	110	110
22	110	110	110	110	110	110	110	110
23	110	110	110	110	110	110	110	110
24	110	110	110	110	110	110	110	110
25	110	110	110	110	110	110	110	110
26	110	110	110	110	110	110	110	110
27	110	110	110	110	110	110	110	110
28	110	110	110	110	110	110	110	110
MEDIAN	110	110	110	110	110	110	110	110
S.D. MED	5.59	5.08	4.62	4.62	4.62	4.62	4.62	4.62
L QUART	105	105	110	110	110	110	110	110
U QUART	110	110	110	110	110	110	110	110
RANGE	5	10	10	10	10	10	10	10



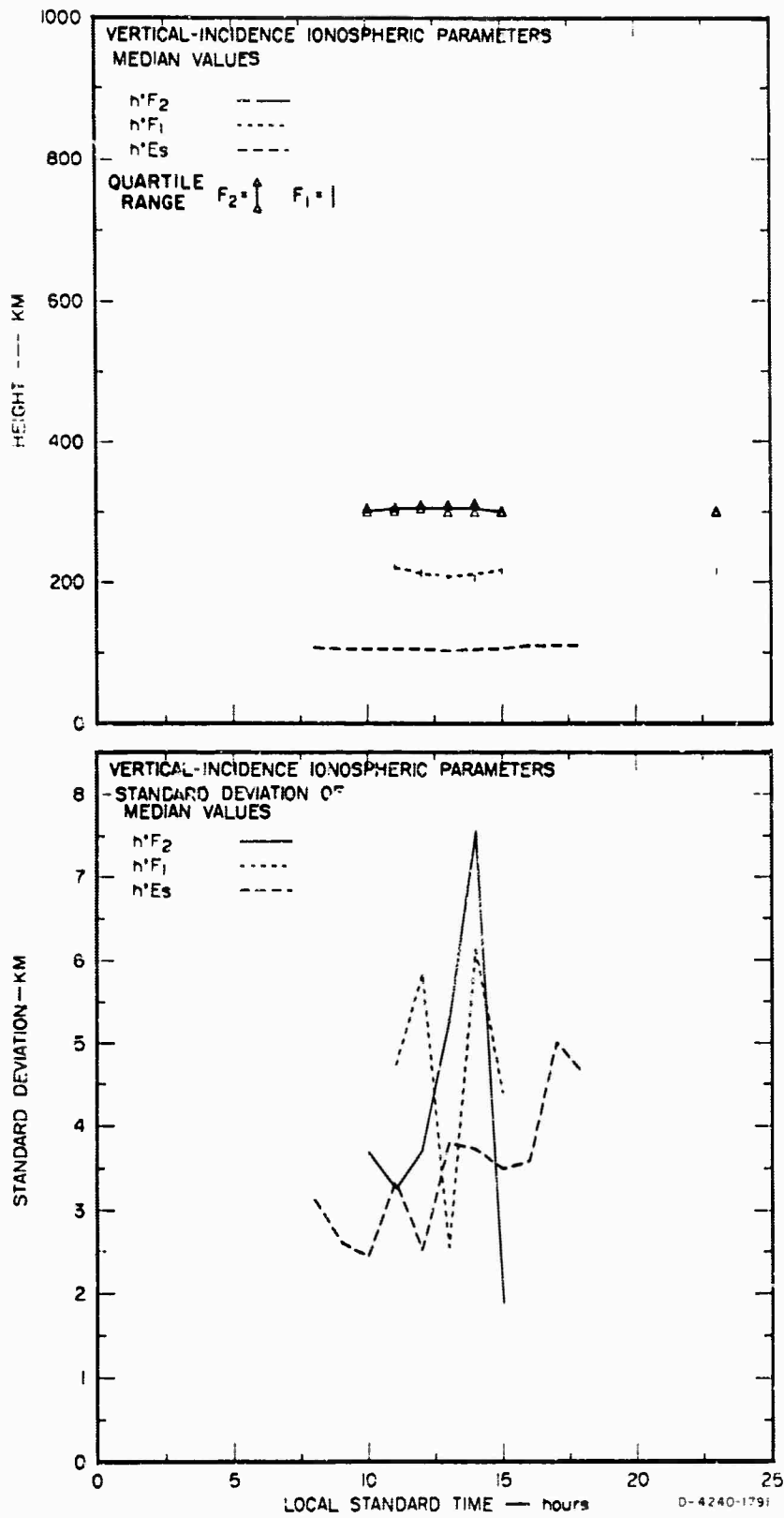
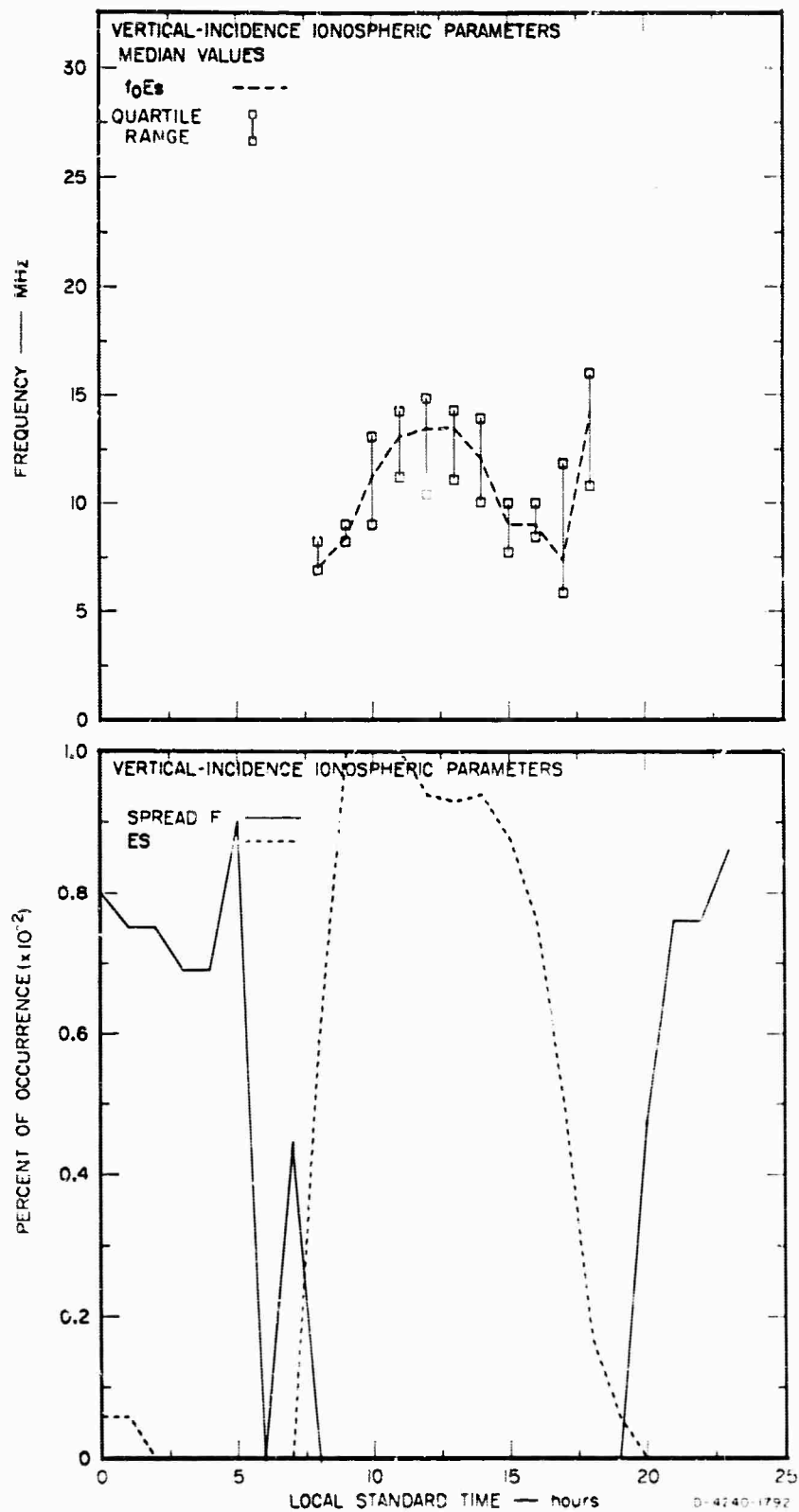


FIG. 51 VIRTUAL HEIGHT SUMMARY, SONGKHLA, FEBRUARY, 1967



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IV IONOSPHERIC DATA

F. Chiengmai

Pages 418 through 435 present ionospheric data for the month of November 1966.

Pages 436 through 456 present ionospheric data for the month of December 1966.

Pages 457 through 477 present ionospheric data for the month of January 1967.

Pages 478 through 498 present ionospheric data for the month of February 1967.

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV.. 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	5.92	5.45	6.88	4.59				5.52
2	7.62R	7.58		5.94				5.58
3	5.96	4.55						6.01
4								5.77
5								
6								
7								
8								
9								
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CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1205	1305	1405	1505
1	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C
25	7.60	10.12	11.22	11.25	11.16	11.08	C
26	8.20	10.24	11.08	11.61	11.22	11.10	C
27	C	10.80	11.22	11.82	11.12	11.92	C
28	8.02	11.24	11.02	C	12.55	1.24	C
29	9.00	9.20	10.52	11.22	10.72	C	C
30	C	C	11.52	10.42	11.10	11.20	C

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE: CHIFENGMAI
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C
24	11.92	11.88	9.32	7.82	8.76R	7.68R	6.40
25	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C
27	11.10	11.80	7.97	7.90	7.80	6.24	4.91
28	11.52	12.06R	10.30	C	C	C	C
29	11.58R	12.40R	8.60	8.88R	8.58R	8.66	7.46
30							

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1965

SITE. CHIERNAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U
30	U	U	U	U	U	U	U	U

CHARACTERISTIC, H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE, CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
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IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

**SITE. CHIENGAI
LOCAL STANDARD TIME**

NOV. 1966

DAY /HR	5	105	205	305	405	505	605	705
1								
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CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1
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3:03:12.41 7921.123A
VLTQ 218H450H:01

NOV. 1955

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. CHIENGMAI LOCAL STANDARD TIME											
DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305			
1	U	U	U	U	U	U	U	U			
2	U	U	U	U	U	U	U	U			
3	U	U	U	U	U	U	U	U			
4	U	U	U	U	U	U	U	U			
5	U	U	U	U	U	U	U	U			
6	U	U	U	U	U	U	U	U			
7	U	U	U	U	U	U	U	U			
8	U	U	U	U	U	U	U	U			
9	U	U	U	U	U	U	U	U			
10	U	U	U	U	U	U	U	U			
11	U	U	U	U	U	U	U	U			
12	U	U	U	U	U	U	U	U			
13	U	U	U	U	U	U	U	U			
14	U	U	U	U	U	U	U	U			
15	U	U	U	U	U	U	U	U			
16	U	U	U	U	U	U	U	U			
17	U	U	U	U	U	U	U	U			
18	U	U	U	U	U	U	U	U			
19	U	U	U	U	U	U	U	U			
20	U	U	U	U	U	U	U	U			
21	U	U	U	U	U	U	U	U			
22	U	U	U	U	U	U	U	U			
23	U	U	U	U	U	U	U	U			
24	U	U	U	U	U	U	U	U			
25	U	U	U	U	U	U	U	U			
26	U	U	U	U	U	U	U	U			
27	U	U	U	U	U	U	U	U			
28	U	U	U	U	U	U	U	U			
29	U	U	U	U	U	U	U	U			
30	U	U	U	U	U	U	U	U			

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	U	U	U	U	U	U	U	U
2	U	U	U	U	U	U	U	U
3	U	U	U	U	U	U	U	U
4	U	U	U	U	U	U	U	U
5	U	U	U	U	U	U	U	U
6	U	U	U	U	U	U	U	U
7	U	U	U	U	U	U	U	U
8	U	U	U	U	U	U	U	U
9	U	U	U	U	U	U	U	U
10	U	U	U	U	U	U	U	U
11	U	U	U	U	U	U	U	U
12	U	U	U	U	U	U	U	U
13	U	U	U	U	U	U	U	U
14	U	U	U	U	U	U	U	U
15	U	U	U	U	U	U	U	U
16	U	U	U	U	U	U	U	U
17	U	U	U	U	U	U	U	U
18	U	U	U	U	U	U	U	U
19	U	U	U	U	U	U	U	U
20	U	U	U	U	U	U	U	U
21	U	U	U	U	U	U	U	U
22	U	U	U	U	U	U	U	U
23	U	U	U	U	U	U	U	U
24	U	U	U	U	U	U	U	U
25	U	U	U	U	U	U	U	U
26	U	U	U	U	U	U	U	U
27	U	U	U	U	U	U	U	U
28	U	U	U	U	U	U	U	U
29	U	U	U	U	U	U	U	U

IONOSPHERIC DATA VERTICAL INCIDENCE

NOV., 1965

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1965

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	5.58L	C	C	C	C	C	C	C
26	C	5.97L	C	C	C	C	C	C
27	6.55L	6.03L	C	C	C	C	C	C
28	6.40L	C	C	C	C	C	C	C
29	11.82Q	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV. 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

433

CHARACTERISTIC. MES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	815	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C

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110
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112
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110

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

NOV., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	112.0	110	108					
2	109							
3	112							
4								
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CHARACTERISTIC, FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1965

SITE, CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	7.50R	7.86R	6.21R	C	C	C	C	5.80
2	6.55	5.70	5.80R	C	C	C	C	C
3	6.65	4.90	C	5.80R	C	C	C	5.49
4	5.50	7.00	5.60	C	C	C	C	5.20
5	5.90	C	4.50	C	C	C	C	6.21R
6	C	4.64	4.71	C	C	C	C	4.98
7	4.50	4.55	4.95	C	C	C	C	4.70
8	4.55	4.55	4.55	4.50	C	C	C	5.90
9	7.06	6.30	6.55	4.70	4.50	C	C	5.35
10	6.30	5.50	4.59	4.90	C	C	C	5.00
11	6.05R	5.51	4.40	4.60	C	C	C	5.40
12	C	4.50	5.70	4.70	C	C	C	5.00
13	6.15	6.90	C	C	C	C	C	7.50
14	C	C	C	C	C	C	C	C
15	9.94	8.46	8.00R	8.62	7.77R	C	C	C
16	8.64	8.30R	6.50R	6.00	4.55	C	C	4.95
17	5.55	5.20	5.00	4.65	C	C	C	6.20
18	6.50	5.75	C	C	C	C	C	5.80
19	6.55	6.20	C	5.45	4.00	C	C	5.49
20	7.45	6.55	5.50	5.45	C	C	C	5.45
21	6.50	6.30	5.50	5.30	C	C	C	5.15
22								5.40
MEDIAN	6.50	5.79	5.00	4.67	5.00	5.00	5.00	5.40
S.D. MED	1.34	1.21	1.09	1.29	1.00	1.00	1.00	1.00
U QUART	5.02	5.05	4.40	5.46	4.50	4.00	4.00	5.05
V QUART	7.02	6.76	5.80	5.42	4.90	4.00	4.00	5.80
RANGE	2.00	1.71	1.40	5.70	11.00	4.00	20.00	1.82
BLANK	2.00	2.00	4.00	5.70	11.00	4.00	20.00	1.82
ES	0	.05	.11	.07	0	0	0	0
SPRD F	.05	.05	.05	.07	.20	0	0	.05

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	8.90	11.98R	C	12.64	12.55R	12.60R	12.16	C
2	C	C	12.00	11.00	11.08	10.80	10.98R	10.80R
3	8.60R	10.86	11.08	10.88	11.00	10.90	11.00	10.72R
4	7.55	10.40	11.56R	10.60	10.90	10.98	10.90R	11.00
5	8.90	12.00R	10.80	11.90	12.00	12.80	13.70	13.32
6	8.92	12.00	12.60	11.98	11.96	12.20	13.42	13.96
7	7.82	10.60	12.10	12.06	12.10	11.70	11.92	12.40
8	9.02	10.60	11.00	12.00R	12.50	12.30	15.10R	13.72R
9	8.60	11.56R	12.16R	10.76	13.48	10.80	11.00	11.90
10	8.00	10.80	12.40	13.90	10.88	11.10	11.96	10.90
11	8.20R	10.60	13.00	14.00	13.10	13.90	13.40	13.20
12	7.98	10.60R	10.72	10.60	10.72	10.90	10.88R	10.55R
13	7.70	10.40	11.20R	10.50	9.00	10.10	10.60	11.10R
14	8.80	11.30R	12.20	11.90R	11.00	11.00	12.10R	12.50
15	10.60	12.62R	13.60	13.00	13.05	11.95	C	12.65
16	8.95	13.10	14.60	13.00	11.50R	11.10R	11.00	11.96R
17	9.00	10.48	12.92R	12.60	11.90R	11.80R	11.00	11.00
18	8.90	C	11.95R	12.58	12.10R	12.10R	11.90	11.00
19	8.06	8.80	12.40R	13.90	11.95	11.95	11.95	12.30
20	8.76	11.10	12.20	11.00R	11.00	11.95	11.95	12.20
21	8.70	10.12	12.48	13.95	12.40	12.60	13.70	13.32
22	10.60	12.96R	C	C	C	C	C	C
MEDIAN	8.76	10.90	12.18	12.00	11.95	11.88	11.90	12.08
S.D. MED	8.77	1.16	1.93	1.18	1.07	1.06	1.20	1.04
L QUERT	8.03	10.50	11.58	11.90	11.70	10.89	11.30	11.00
U QUERT	8.90	12.50	12.50	13.00	12.25	12.40	12.80	12.93
RANGE	.90	.96	.96	2.06	1.30	1.50	1.28	1.93
BLANK	0	0	0	0	0	0	0	0
ES	.10	.15	.45	.40	.50	.48	.35	.35
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1645	1705	1805	1905	2005	2105	2215	2315
1	10.86R	12.00R	11.94	10.68	10.10	11.31	9.91	9.28
2	10.56	11.40	10.81	11.02	8.96	9.00	9.88R	8.30
3	11.36	12.93	11.20	9.40R	9.00	7.60	7.00	6.30
4	11.80	12.10R	11.20	9.10	8.88	7.92	7.40R	6.22
5	11.56	14.00	12.72	9.20	7.51R	7.02	7.00	5.35
6	13.00	12.64	12.92R	9.60	8.88	7.57	6.52R	5.35R
7	12.00	12.56	12.69	11.80	10.00	10.00R	8.40	5.55
8	12.40R	13.20	12.60R	10.60	8.40	8.60	7.80	6.50R
9	11.00	12.00R	12.30R	12.00	10.60	10.70	8.50	6.20
10	11.00	12.00R	12.16R	10.60	10.60	11.72	10.00	7.60
11	11.56	12.06R	12.62R	12.45	10.22	10.80	9.55	7.30
12	10.40	12.10R	12.02R	10.65	8.52	9.02	9.00	7.80R
13	11.00	11.20	10.40	8.20	9.60	10.80R	9.00	9.00
14	12.02R	11.50	11.12	9.10	9.00	10.00	10.00	9.00
15	12.02R	11.56	11.22R	13.96	11.56R	10.58	10.00	10.52
16	11.00	12.02R	12.10R	12.50R	10.60	10.00	9.10	8.20R
17	11.00	12.06	13.06	12.20	10.00	10.00	9.60	6.50
18	11.00	12.52R	12.50R	11.00	11.00	11.35	11.00	8.50
19	13.00	13.80	11.32	8.60	10.20	10.00	8.00	7.20
20	13.10	12.60	13.00	11.50	10.20	10.00	8.00	9.10
21	12.02R	15.28R	15.20R	10.60	9.00	8.00	8.00	6.55
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	11.96	12.54	12.40	10.60	9.00	10.00	8.55	7.70
1 QUART	11.91	12.35	11.14	10.24	10.00	10.57	7.22	6.44
3 QUART	12.00	12.85	11.63	9.30	8.72	8.60	7.60	6.82
UNIFORM RANGE	1.00	.82	1.00	1.95	1.28	2.16	2.37	2.00
BLACK	.00	.00	.00	.10	.00	.10	.00	.00
ES	.35	.25	.19	.10	.00	.10	.05	.05
SPD F								

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	0	0	0	0	0
2	-	-	0	0	0	0	0	0
3	-	-	0	0	0	0	0	0
4	-	-	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	-	0	0	0	0	0	0	0
11	-	0	0	0	0	0	0	0
12	-	0	0	0	0	0	0	0
13	-	0	0	0	0	0	0	0
14	-	0	0	0	0	0	0	0
15	-	0	0	0	0	0	0	0
16	-	0	0	0	0	0	0	0
17	-	0	0	0	0	0	0	0
18	-	0	0	0	0	0	0	0
19	-	0	0	0	0	0	0	0
20	-	0	0	0	0	0	0	0
21	-	0	0	0	0	0	0	0
22	-	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENCHAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	310	C	310	348	307	305	C
2	C	C	300	320	338	331	320	-
3	-	-	300	330	335	335	320	-
4	-	-	-	335	350	330	305	300
5	-	-	-	300	300	300	305	-
6	300	300	300	300	306	310	300	300
7	-	-	300	330	300	300	305	-
8	-	-	-	300	300	332	300	-
9	-	-	-	300	320	330	300	-
10	-	300	302	312	335	330	-	-
11	-	-	300	335	300	-	-	-
12	-	-	302	305	320	300	320	-
13	-	315	-	-	330	320	312	-
14	-	-	300	335	300	-	C	-
15	-	-	300	300	300	302	-	-
16	-	-	300	310	320	300	320	-
17	-	-	305	310	300	320	300	-
18	-	C	300	310	-	308	300	-
19	-	-	300	315	300	304	-	300
20	-	-	-	315	330	300	305	-
21	-	-	-	315	330	300	C	C
22	-	300	-	C	C	C	-	-
MEDIAN	0	300	300	305	326	319	316	300
S.D. MED	0	0.06	1.59	5.39	20.28	14.06	12.35	0
L QUART	0	300	300	310	330	300	305	300
U QUART	0	312	301	310	330	330	320	300
RANGE	0	12	1	10	30	30	15	0

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S. QUANT	0	0	0	0	0	0	0	0
L. QUANT	0	0	0	0	0	0	0	0
U. QUANT	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. F9F1

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RAISE	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	-	5.00	5.00	5.00	5.00	4.99	5.00	5.00
2	C	C	5.00	4.97	4.99	5.00	4.99	C
3	-	5.01	5.01	5.01	5.01	5.01	5.00	-
4	-	5.00	5.00	5.00	5.00	5.01	5.01	5.00
5	-	-	5.03	5.00	5.00	4.99	5.01	-
6	-	-	5.00	5.00	5.02	5.00	5.02	5.00
7	-	-	5.05	5.02	5.02	5.02	5.02	-
8	-	-	5.02	5.00	5.01	5.05	5.02	-
9	-	5.00	5.01	5.01	5.01	5.01	-	5.04
10	-	-	5.02	5.00	5.02	5.05	5.01	-
11	-	-	5.03	5.00	5.00	5.00	5.00	-
12	-	5.00	5.00	5.00	5.00	5.01	5.00	-
13	-	-	5.00	5.00	5.00	5.00	5.00	-
14	-	-	5.00	5.00	5.00	5.00	C	-
15	-	-	5.00	5.02	5.02	5.05	5.00	-
16	-	-	5.00	5.00	5.02	5.02	5.02	-
17	-	-	5.00	5.00	5.00	5.00	5.02	-
18	-	C	5.00	5.02	5.00	5.00	5.02	-
19	-	-	5.00	5.02	5.00	5.01	5.00	5.00
20	-	-	5.00	5.01	5.01	5.01	5.02	-
21	-	-	-	4.99	5.04	4.99	5.02	C
22	-	5.02	C	C	C	C	C	C
PEDIAN	0	5.00	5.00	5.00	5.01	5.01	5.00	5.00
S.D. MED	0	.01	.02	.03	.01	.02	.01	.02
LOWERT	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00
UPPERT	0	5.01	5.01	5.01	5.02	5.02	5.01	5.02
RANGE	0	.01	.01	.01	.02	.02	.01	.02

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0	0
S.D.MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOT1

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE, CHIENGHAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	-	-	C	C	C	C	C
2	-	-	-	C	C	C	C	C
3	-	-	-	C	C	C	C	C
4	-	-	-	C	C	C	C	C
5	-	-	-	C	C	C	C	C
6	-	-	-	C	C	C	C	C
7	-	-	-	C	C	C	C	C
8	-	-	-	C	C	C	C	C
9	-	-	-	C	C	C	C	C
10	-	-	-	C	C	C	C	C
11	-	-	-	C	C	C	C	C
12	-	-	-	C	C	C	C	C
13	-	-	-	C	C	C	C	C
14	-	-	-	C	C	C	C	C
15	-	-	-	C	C	C	C	C
16	-	-	-	C	C	C	C	C
17	-	-	-	C	C	C	C	C
18	-	-	-	C	C	C	C	C
19	-	-	-	C	C	C	C	C
20	-	-	-	C	C	C	C	C
21	-	-	-	C	C	C	C	C
22	-	-	-	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D.	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. H FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	005	055	1005	1105	1205	1305	1405	1505
1	-	-	C	230	250	220	-	C
2	C	C	-	-	224	220	250	-
3	-	-	-	225	230	250	250	-
4	-	-	-	220	220	250	220	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	215	-	-	-
7	-	-	-	220	220	-	250	-
8	-	-	230	220	220	-	-	-
9	-	-	230	250	210	220	-	-
10	-	-	220	-	220	220	-	250
11	-	-	220	220	-	-	-	-
12	-	-	230	-	-	-	230	-
13	-	-	240	-	215	210	220	-
14	-	-	-	216	210	-	C	-
15	-	-	-	-	220	-	-	-
16	-	-	-	225	220	-	220	-
17	-	-	-	230	210	-	-	-
18	-	C	-	220	-	220	-	-
19	-	-	-	-	225	210	-	-
20	-	-	-	-	215	230	-	-
21	-	-	-	230	210	240	230	-
22	-	-	C	-	C	-	C	C
PEDIAN	0	0	230	225	220	220	230	..
S.D. MEI	0	0	9.35	9.35	10.56	13.82	14.53	..
L QUART	0	0	230	220	212	220	220	..
U QUART	0	0	240	230	220	230	250	..
RANGE	0	0	10	10	0	10	30	..

CHARACTERISTIC. H F0F1

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1962

SITE, CHIENGMAI
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-
MEDIAN	0	0	0	0	0	0	0
STD. DEV.	0	0	0	0	0	0	0
LOWEST	0	0	0	0	0	0	0
HIGHEST	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	5.97F	5.93F	C	C	C	C	-
2	-	-	7.40F	-	C	C	C	-
3	-	-	-	-	C	C	C	-
4	-	-	-	-	C	C	C	-
5	-	-	-	-	C	C	C	-
6	C	-	-	-	C	C	C	-
7	-	-	-	-	C	C	C	-
8	-	-	-	-	C	C	C	-
9	C	-	-	-	C	C	C	-
10	-	-	-	-	C	C	C	-
11	-	-	-	-	C	C	C	-
12	-	-	-	-	C	C	C	-
13	-	-	-	-	C	C	C	-
14	-	-	-	-	C	C	C	-
15	-	-	-	-	C	C	C	-
16	-	-	-	-	C	C	C	-
17	-	-	-	-	C	C	C	-
18	-	-	-	-	C	C	C	-
19	-	-	-	-	C	C	C	-
20	-	-	-	-	C	C	C	-
21	-	-	-	-	C	C	C	-
22	-	-	-	-	C	C	C	-
MEDIAN	...	...	...	...	...	...	...	...
S.D. MED	...	...	...	...	...	...	...	...
L. QUART	...	...	...	...	...	...	...	...
U. QUART	...	...	...	...	...	...	...	...
RAI. E	0	...	...	...	...	...	...	0

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1955

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	5.66L	6.55L	C	6.50L	6.91L	-	-	C
2	C	C	7.12L	-	6.51L	6.18L	-	-
3	-	-	-	-	7.40L	5.95L	6.41L	7.90L
4	-	-	-	-	6.49L	6.00L	-	-
5	-	-	-	-	-	-	6.60L	7.55L
6	-	-	6.90L	7.28L	-	6.65L	7.25L	5.98L
7	-	-	7.35L	8.00L	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	7.16L	-	-
10	-	-	6.00L	-	6.55L	6.81L	12.88Q	9.21L
11	-	-	-	-	7.31L	-	-	7.30L
12	-	-	6.25L	6.49L	5.73L	-	6.50L	-
13	-	-	7.08L	8.21L	6.21L	-	-	-
14	-	-	-	-	-	6.48L	-	-
15	-	-	-	11.04L	7.21L	6.48L	C	7.45L
16	-	-	-	-	-	-	-	-
17	-	-	6.50L	7.26L	6.55L	6.00L	4.05L	-
18	-	C	-	-	7.11L	6.01L	6.00L	7.10L
19	-	6.95L	7.10L	6.31L	6.31L	-	-	-
20	-	-	6.65L	6.31L	-	-	-	-
21	-	6.55L	C	C	-	-	-	-
22	-	-	C	-	C	C	C	C
MEDIAN	..	6.55	6.90	7.26	6.60	6.33	6.50	7.45
S.D. MED	..	.24	.24	1.65	.49	.39	2.51	.66
L QUART	..	6.55	6.37	6.49	6.39	6.13	6.00	7.10
U QUART	..	6.95	7.11	8.15	7.15	6.65	7.25	7.90
RANGE	..	.40	.74	1.61	.76	.65	1.25	.80

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	6.95L	7.54L	5.60F	-	-	11.00F	7.60F	9.96F
2	-	9.96L	-	-	-	-	-	-
3	7.00L	6.00L	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	6.00L	6.50L	6.00F	-	-	-	-	-
6	-	7.55L	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	7.55F	-	-	5.92F	-	-
11	7.00L	-	5.50F	6.88F	-	-	-	-
12	6.85L	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	6.55L	-	-	5.95F	-	-	-	-
20	7.55L	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEAN	6.95	7.54	5.95	-	-	-	-	-
STDEV	0.009	1.338	0.02	-	-	-	-	-
MIN	6.55	6.23	5.73	-	-	-	-	-
MAX	7.00	8.75	6.77	-	-	-	-	-
MODE	7.00	2.50	1.02	-	-	-	-	-

CHARACTERISTIC. M ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

DEC., 1966

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	-	108	112	C	C	C	C	-
2	-	-	109	100	C	C	C	C
3	-	-	-	-	C	C	C	-
4	-	-	C	C	C	C	C	-
5	C	-	-	C	C	C	C	-
6	-	-	-	C	C	C	C	-
7	-	-	-	-	-	C	C	-
8	C	-	C	-	-	C	C	-
9	-	-	-	-	-	C	C	-
10	-	-	-	-	-	C	C	-
11	-	-	-	-	-	C	C	-
12	-	-	-	-	-	C	C	-
13	-	-	-	-	-	C	C	-
14	-	-	-	-	-	C	C	-
15	-	-	-	-	-	C	C	-
16	-	-	-	-	-	C	C	-
17	-	-	-	-	-	C	C	-
18	-	-	-	-	-	C	C	-
19	-	-	-	-	-	C	C	-
20	-	-	-	-	-	C	C	-
21	-	-	-	-	-	C	C	-
22	-	-	-	-	-	C	C	-
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

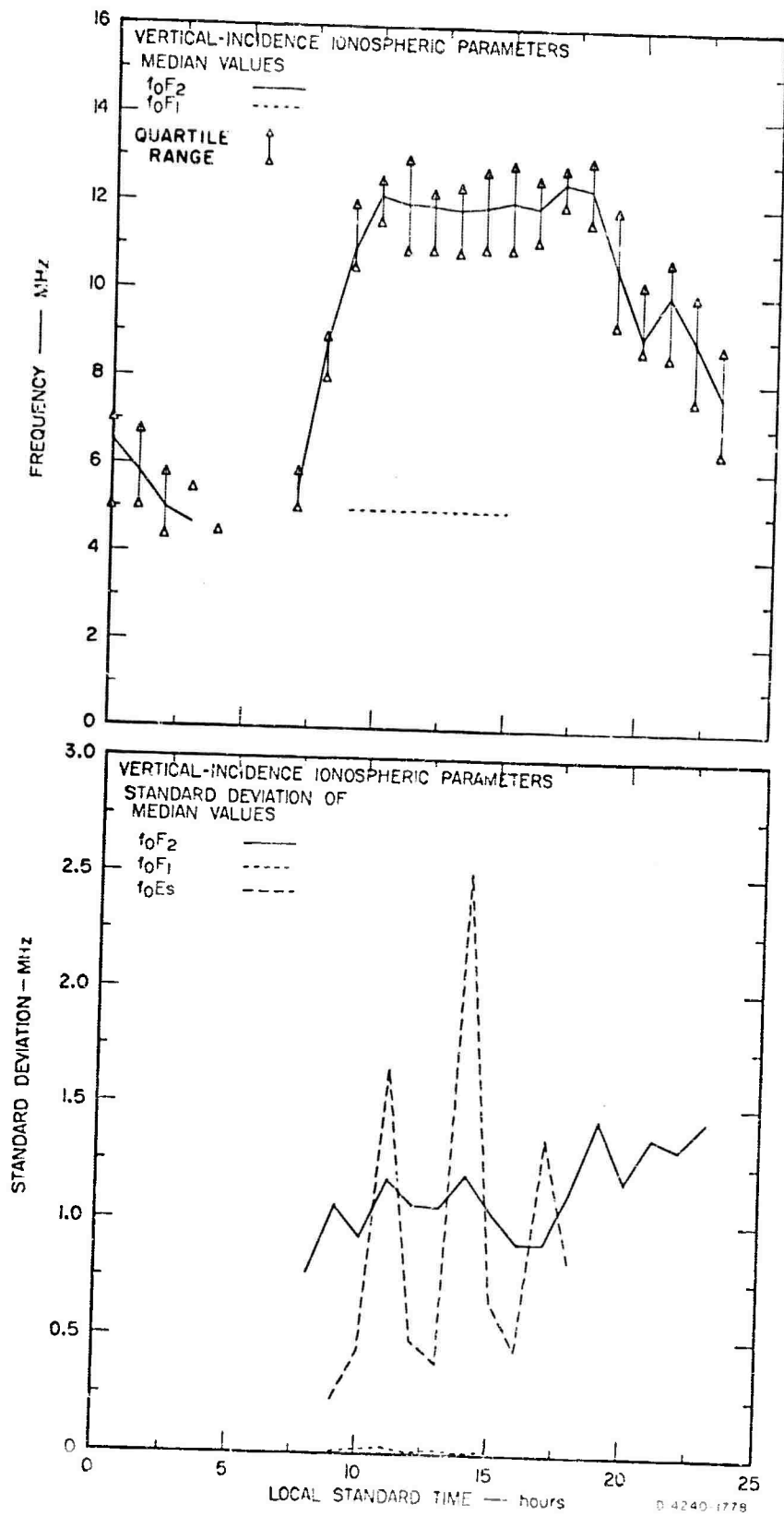
SITE, CHIENGMAI		LOCAL STANDARD TIME		905		1005		1105		1205		1305		1405		1505	
DAY /HR	805	905	1005	1105	1205	1305	1405	1505	1605	1705	1805	1905	2005	2105	2205	2305	2405
1	115	110	C	108	111	111	111	111	111	111	111	111	111	111	111	111	111
2	C	C	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
3	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
4	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
5	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
6	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
7	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
8	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
9	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
10	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
11	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
12	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
13	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
14	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
15	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
16	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
17	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
18	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
19	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
20	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
21	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
22	-	-	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
MEDIAN	..	114	110	108	110	107	109	104	107	110	107	107	107	109	104	104	104
S.D. MED	..	2.38	58	4.18	3.29	4.89	2.24	7.76	4.89	3.29	4.89	4.89	4.89	2.24	7.76	7.76	7.76
L. QUART	..	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
U. QUART	..	115	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
RANGE	..	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE
DEC., 1966

SITE: CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	110	102	112	-	-	112	110	106
2	-	102	-	-	-	-	-	-
3	100	102	-	-	-	-	-	-
4	-	102	-	-	-	-	-	-
5	-	110	-	-	-	-	-	-
6	112	110	101	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	105	-	-	115	-	-
11	107	-	115	-	-	-	-	-
12	110	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	108	-	-	-	-	-	-	-
20	103	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-
MEAN	109	102	109	-	-	-	-	-
STDEV	4.02	5.12	5.55	-	-	-	-	-
MIN	103	101	103	-	-	-	-	-
MAX	111	110	113	-	-	-	-	-
DATE	1966	1966	1966	-	-	-	-	-



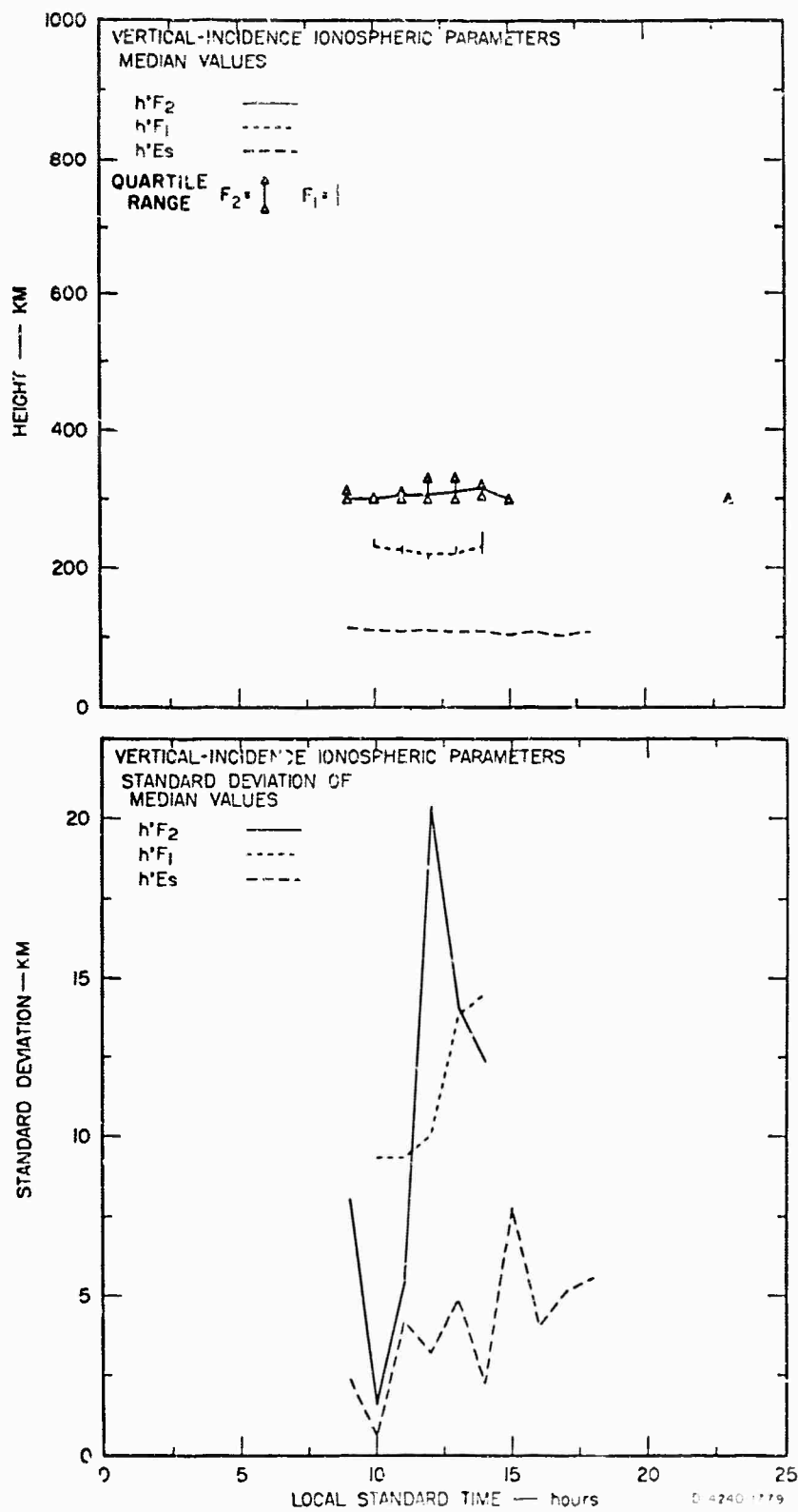
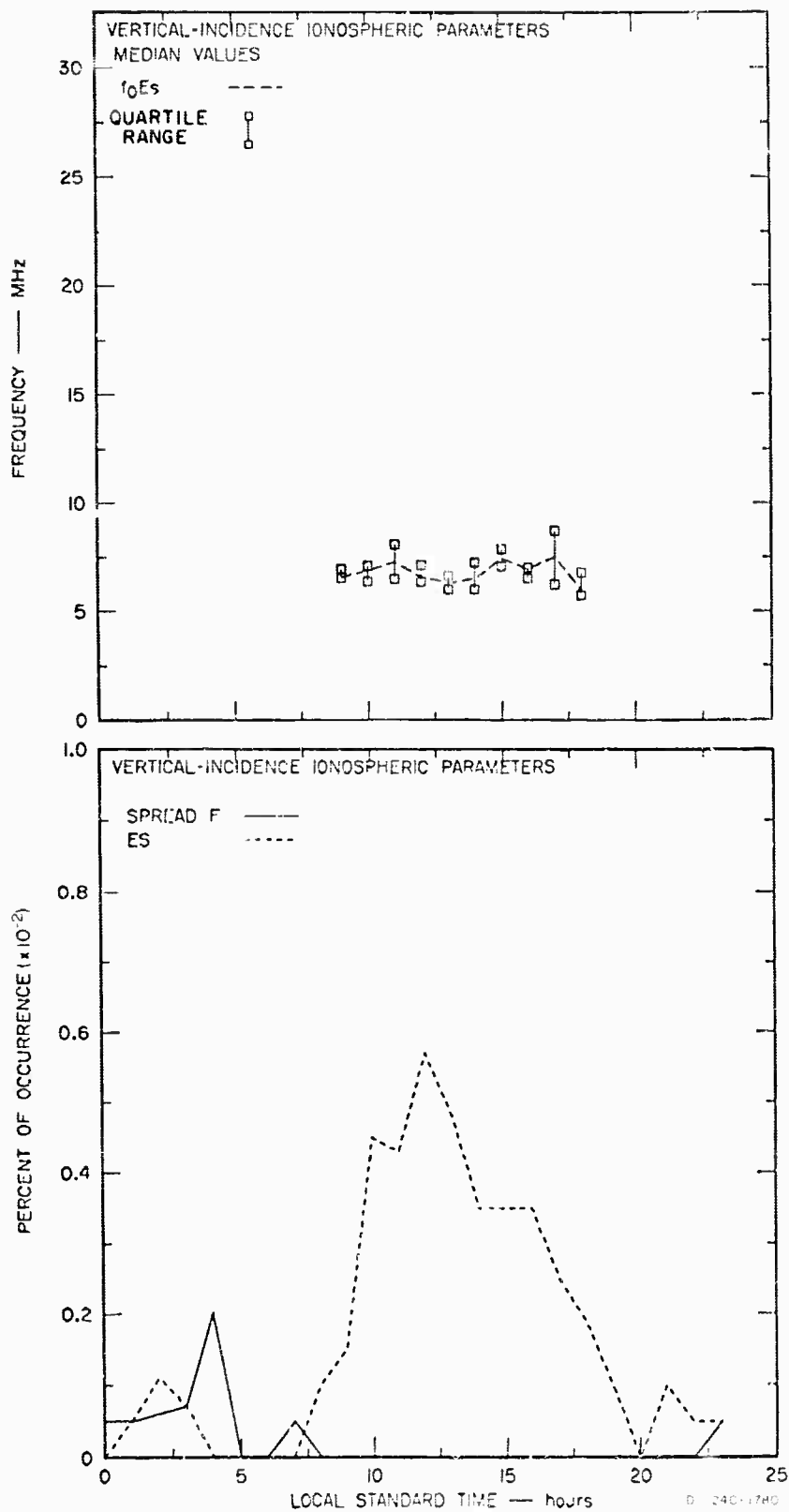


FIG. S4 VIRTUAL HEIGHT SUMMARY, CHIENGMAI, DECEMBER, 1966



CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE, CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
1	4.60	5.00	5.00	8.25	6.45R			4.92
2	7.4	7.50	7.90	4.25				4.72
3			4.70					4.70
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
1	6.02	6.00	5.00	5.95	...	...	...	4.70
2	5.15	1.00	2.52	1.12	...	...	...	4.55
3	8.00	5.00	8.50	7.30	...	...	...	4.90
4	7.55	2.55	6.10	1.00	...	...	...	4.35
5	2.00	1.00	1.00	1.00	5.00	2.00	9.00	1.00
6	2.00	.20	.20	.30	.30	.00	.00	.11

JAN. 1957

MAIL CERTIFICATES

DAY	HR	8:15	9:05	10:05	11:05	12:05	13:05	14:05	15:05
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE: CHIENSHAI
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C
17	12.36R	10.12	10.10	8.54	8.84	6.50	4.92
18	C	C	10.02	8.70	8.50	6.34	5.55
19	12.94	12.42R	9.17	10.00	8.90	6.01R	5.55
20	11.00	11.28R	12.02R	10.55	10.6R	8.80	7.07
21	12.20	12.40R	11.90R	10.24	10.90	10.80	7.67
22	12.60	C	C	C	C	C	C
23	C	C	C	C	C	C	C
24	10.88R	C	C	C	C	C	C
25	11.12	10.88	10.00	10.16	12.88R	10.90	C
26	12.70	10.90	11.20	11.55R	12.12R	13.00R	C
27	12.50	12.00R	12.12R	11.55R	11.7	13.22R	C
28	11.30	12.10R	11.90R	10.60	12.12R	11.7	9.27
29	12.00R	11.55R	11.72	11.22	10.88	11.7	9.70
30	11.50	12.00R	12.12	C	11.90	C	C
31	12.20	C	C	C	11.90	C	C
MEDIAN	12.00	11.58	11.40	10.42	10.88	10.80	7.45
S.D.MED	12.70	10.82	11.62	11.11	11.78	2.91	1.07
U QUART	11.30	10.50	10.60	10.00	8.87	6.22	5.55
V QUART	12.60	12.10	12.00	11.22	11.98	12.20	9.23
RANGE	1.30	1.20	2.00	1.22	3.11	5.78	3.55
BLANK	0	0	0	0	0	0	0
ES	.67	.50	.18	0	0	0	0
SPRD F	0	0	.09	.09	.18	.18	.40

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

460

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1957

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	8:5	9:05	10:05	11:05	12:05	13:05	14:0	15:05
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
U. QUART	0	0	0	0	0	0	0	0
L. QUART	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

462

301101001 701113A
Y170 0124:55C:01

JUL. 1957

SITE. CHENGCHAI
LOCAL STANDARD TIME

463

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1957

SITE, CHIENGMAI
LOCAL STANDARD TIME

[illegible]

CHARACTERISTIC. FCFT

ICHOOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	5.01	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	5.00	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0	0
1/4 QUANT	0	0	0	0	0	0	0	0
3/4 QUANT	0	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0	0

ATMOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1957

MAIL ORDER LOCAL
TELEPHONE 3115

MEDIAN
 S. D. FERT
 L. QUERT
 U. QUERT

IONOSPHERIC DATA VERTICAL INCIDENCE

JAN., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1205	1305	1405	1505
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0
STANDARD	0	0	0	0	0	0	0
DEV	0	0	0	0	0	0	0
COEFF	0	0	0	0	0	0	0
VARIANCE	0	0	0	0	0	0	0

EXPERIMENTAL DATA
ATMOSPHERIC INCIDENCE

JAN., 1967

72007 74007
SITE. CHENGAI
THAI. CHENGAI
THAI. CHENGAI

[illegible]

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
JAN., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
MEDIAN
S.D. MED
L QUANT
U QUANT
RAISE

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1967

SITE: CHIERONAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
MEDIAN	..	6.55	7.70	7.10	6.67	7.15	7.08	6.19
S.D.MED	..	0.91	1.17	0.93	0.93	2.18	3.00	1.19
LOWEST	..	5.14	6.09	6.15	6.05	6.17	5.25	5.35
HIGHEST	..	7.90	8.39	7.65	7.90	9.47	9.02	8.10
RANGE	..	1.65	2.39	1.50	1.85	3.30	2.77	2.14

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., '67

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	8.10L	5.40L	8.35F	8.80F				
22	5.00L			5.75F				
23	7.88L							
24	5.55L	4.60L						
25	5.70L							
26	8.30L	7.00L						
27	5.80L	7.95L	6.20F					
28	7.56L		8.60F					
29								
30								
31								
MEAN	6.91	6.20	8.35	..	8.80	8.80	8.80	8.80
STD. DEV.	1.25	1.31	1.25	..	..	..	..	..
UNIFORMITY	5.75	5.00	6.20	..	..	..	..	..
WAVELENGTH	8.03	7.27	8.60	..	..	..	..	..
WAVELENGTH	2.28	2.27	2.20	..	..	..	..	..

CHARACTERISTIC. H ES

UNSPHERIC DATA
VERTICAL INCIDENCE

JUL. 1967

SITE. CHIERCHI
LOCAL STANDARD TIME

[illegible]

CHARACTERISTIC. HES

IONOSPHERIC DATA
VERTICAL INCIDENCE

JAN., 1957

SITE. CHIEROGAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	C	C	C	C	C
2	C	C	C	C	C	C	C	C
3	C	C	C	C	C	C	C	C
4	C	C	C	C	C	C	C	C
5	C	C	C	C	C	C	C	C
6	C	C	C	C	C	C	C	C
7	C	C	C	C	C	C	C	C
8	C	C	C	C	C	C	C	C
9	C	C	C	C	C	C	C	C
10	C	C	C	C	C	C	C	C
11	C	C	C	C	C	C	C	C
12	C	C	C	C	C	C	C	C
13	C	C	C	C	C	C	C	C
14	C	C	C	C	C	C	C	C
15	C	C	C	C	C	C	C	C
16	C	C	C	C	C	C	C	C
17	C	C	C	C	C	C	C	C
18	C	C	C	C	C	C	C	C
19	C	C	C	C	C	C	C	C
20	C	C	C	C	C	C	C	C
21	C	C	C	C	C	C	C	C
22	C	C	C	C	C	C	C	C
23	C	C	C	C	C	C	C	C
24	C	C	C	C	C	C	C	C
25	C	C	C	C	C	C	C	C
26	C	C	C	C	C	C	C	C
27	C	C	C	C	C	C	C	C
28	C	C	C	C	C	C	C	C
29	C	C	C	C	C	C	C	C
30	C	C	C	C	C	C	C	C
31	C	C	C	C	C	C	C	C
Median	..	105	105	104	105	104	102	104
Standard	..	4	4	3.94	3.95	3.93	4.05	3.97
Upper	..	105	107	101	105	100	100	101
Lower	..	105	102	100	100	100	100	100
Range	..	6	7	7	7	9	10	7

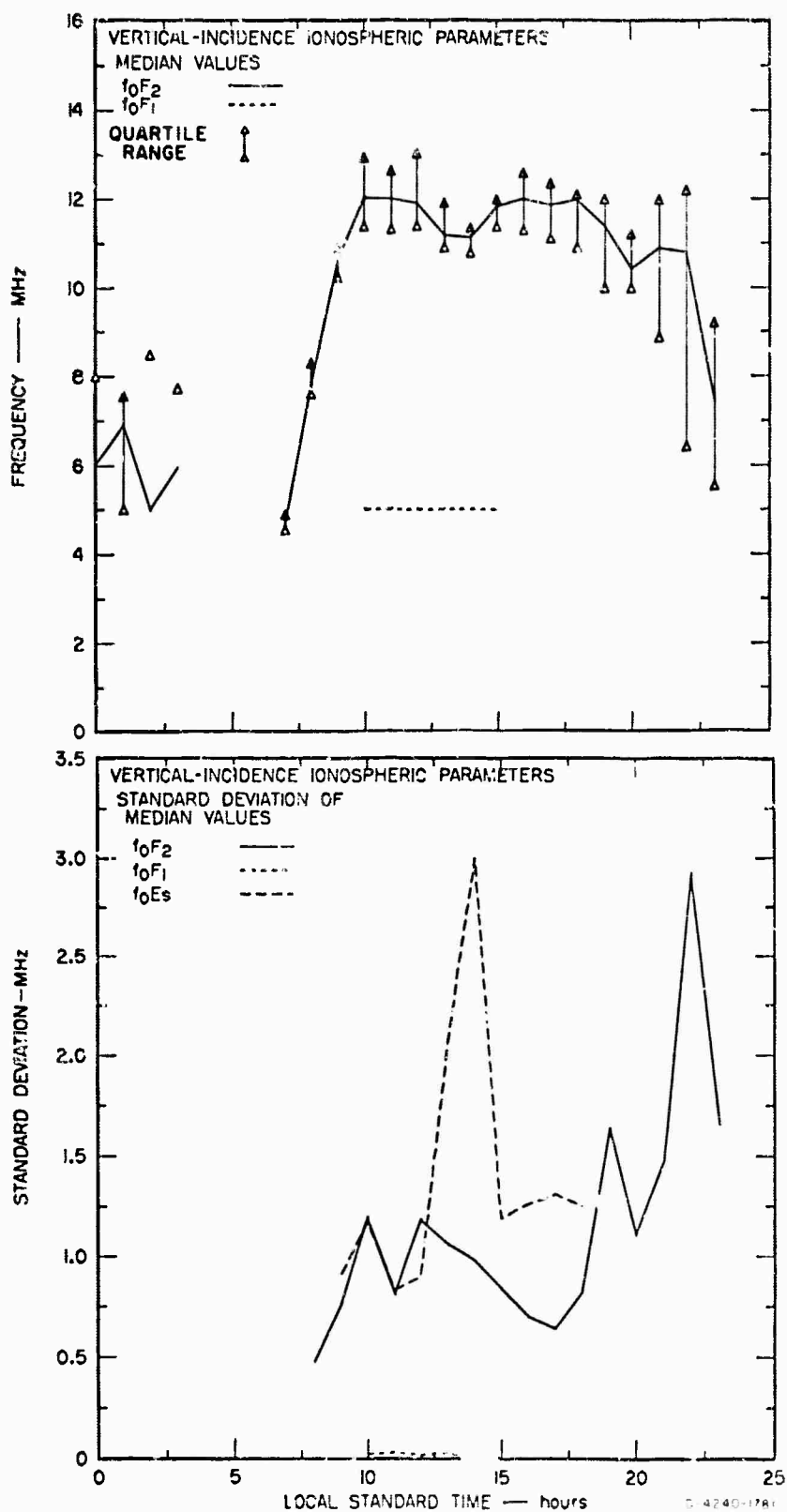


FIG. 56 CRITICAL FREQUENCY SUMMARY, CHIENGMAI, JANUARY, 1967

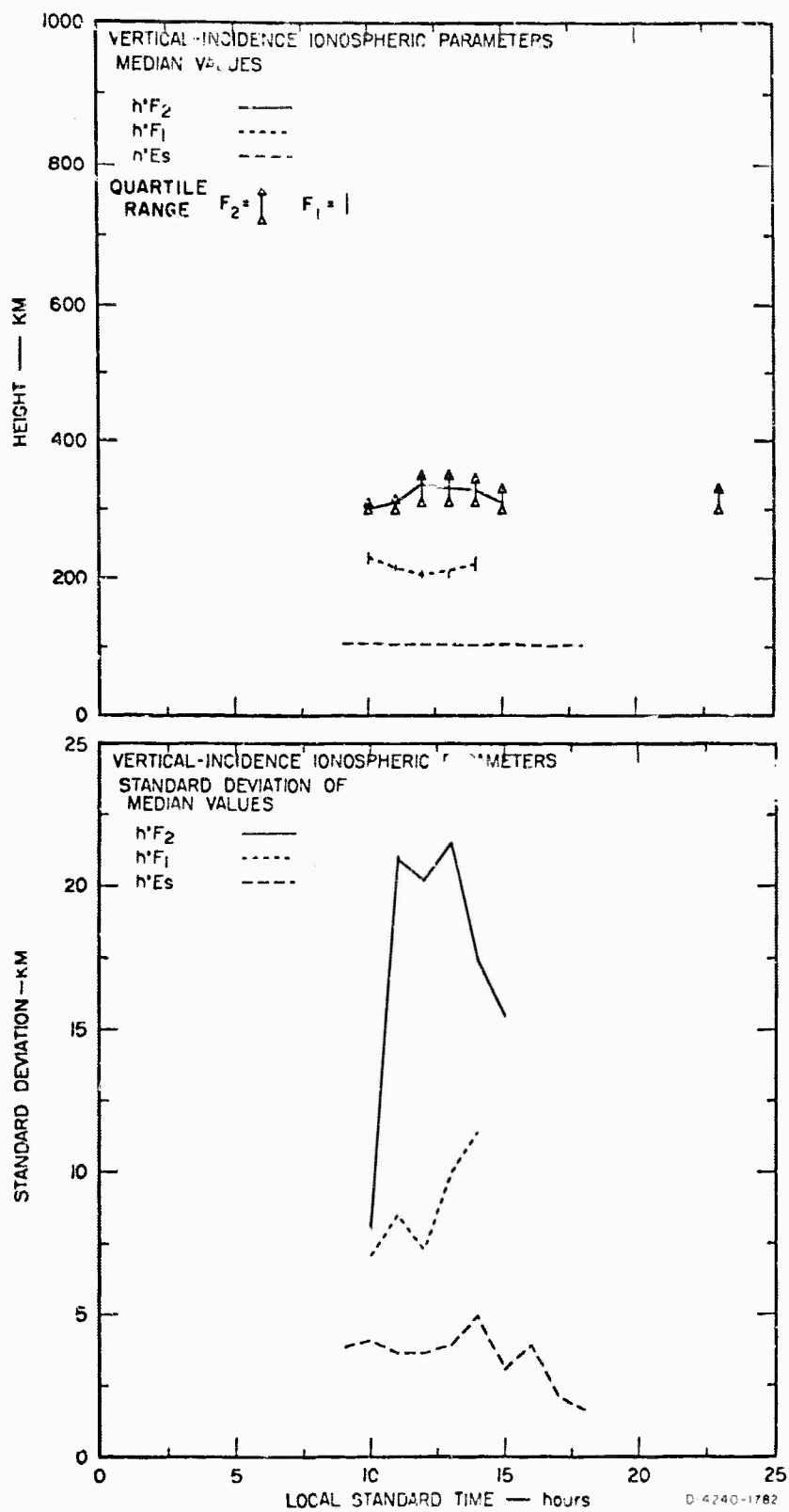
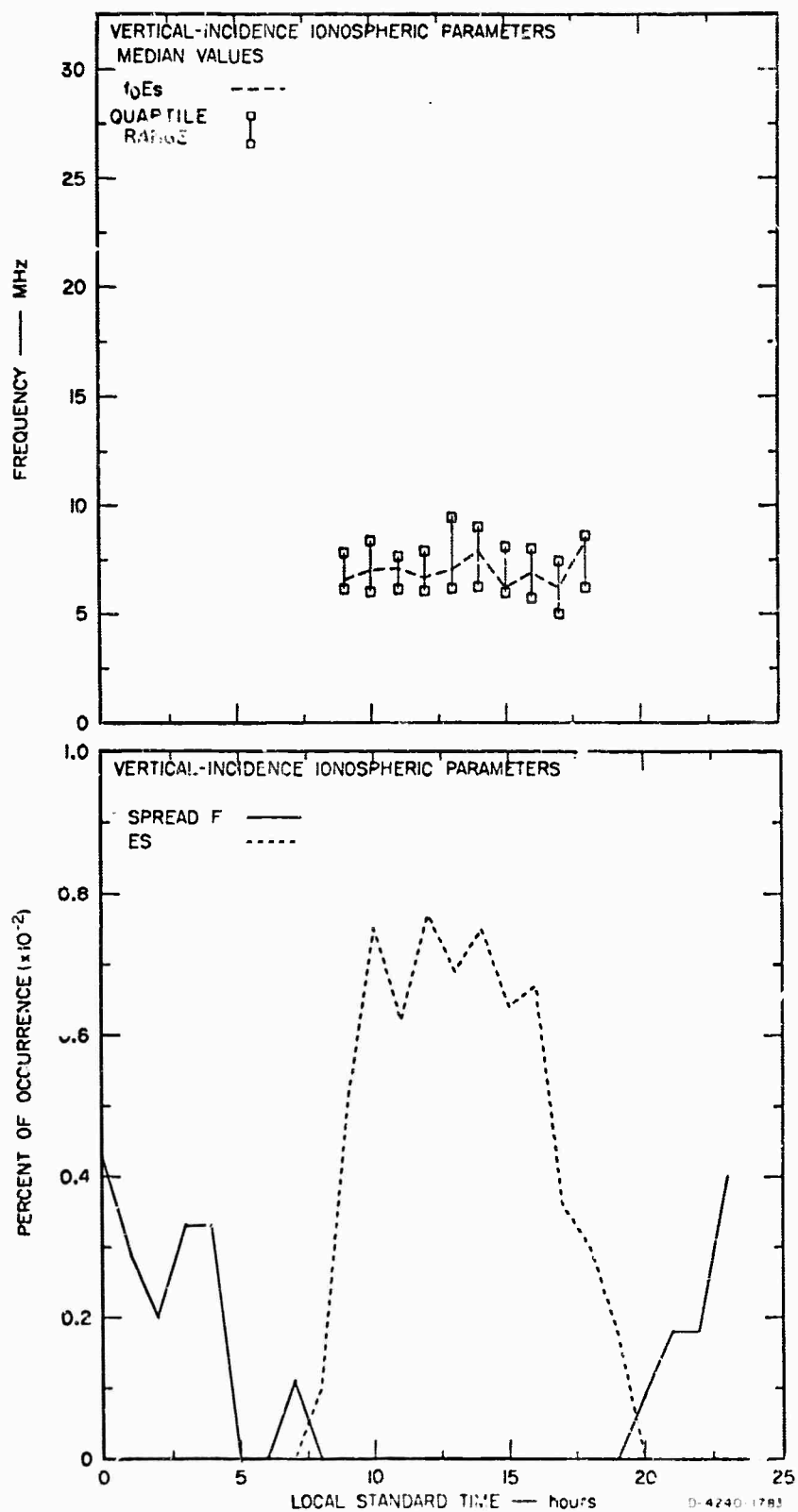


FIG. 57 VIRTUAL HEIGHT SUMMARY, CHIENGMAI, JANUARY, 1967



CHARACTERISTIC. FOT2

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	F	C	5.50
2	11.40	F	F	F	F	F	C	5.55
3	9.50	F	F	F	4.90	F	C	5.55
4	12.90R	9.80	9.40F	8.40	C	F	C	4.99
5	12.30R	10.40	10.10	F	7.05	C	C	C
6	10.60	F	C	F	N	C	C	C
7	C	10.80	C	C	S	C	C	5.40
8	C	C	5.00	C	C	C	C	4.98
9	C	S	C	C	C	C	C	5.55
10	C	C	C	C	C	C	C	5.55
11	C	C	C	C	C	C	C	5.55
12	C	C	C	C	C	C	C	5.55
13	C	C	C	C	C	C	C	5.55
14	C	C	C	C	C	C	C	5.55
15	C	C	C	C	C	C	C	5.55
16	C	C	C	C	C	C	C	5.55
17	C	C	C	C	C	C	C	5.55
18	C	C	C	C	C	C	C	5.55
19	C	C	C	C	C	C	C	5.55
20	C	C	C	C	C	C	C	5.55
21	C	C	C	C	C	C	C	5.55
22	C	C	C	C	C	C	C	5.55
23	C	C	C	C	C	C	C	5.55
24	C	C	C	C	C	C	C	5.55
25	C	C	C	C	C	C	C	5.55
26	C	C	C	C	C	C	C	5.55
27	C	C	C	C	C	C	C	5.55
28	C	C	C	C	C	C	C	5.55
MEDIAN	11.40	10.18	9.10	6.05	4.70	...	...	5.55
S.D. MED	1.21	9.77	2.25	1.30	1.25	...	...	5.55
U QUART	10.05	9.38	5.90	5.02	5.95	...	...	5.55
L QUART	12.60	10.60	9.90	7.50	5.95	...	...	5.55
RANGE	2.55	1.22	4.00	2.48	5.95	...	...	5.55
BLACK	0	0	0	0	0	...	...	5.55
ES	0	0	0	0	0	...	...	5.55
SPRD F	.62	.75	.60	.55	.33	...	...	5.55

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	9.92R	12.10	13.40	12.00R	11.48	11.88	11.54
2	8.65	C	C	12.54	13.40	13.58R	12.12R	11.90
3	9.82R	12.00R	14.28	13.20	11.80	11.92R	12.36R	11.90
4	N	N	13.10	13.30	12.60	13.00R	11.90	11.80
5	9.10	10.92	12.48R	12.20	12.80	14.06	15.10R	14.38R
6	C	11.50	13.12	15.08R	12.80	14.20	14.00R	14.20
7	C	C	12.78R	14.90R	14.20	-	-	-
8	C	13.00	12.18R	11.08R	S	-	11.40	11.00
9	9.80	12.00R	S	C	C	C	C	C
10	S	-	-	-	-	S	-	-
11	S	-	-	-	-	-	-	-
12	S	10.00	11.78R	-	-	-	-	S
13	S	9.80R	-	-	-	-	-	-
14	8.00	11.00	-	13.20	-	-	-	-
15	S	-	-	-	C	-	-	S
16	10.00	-	-	-	-	-	-	-
17	S	C	-	-	-	-	-	-
18	S	-	-	S	-	S	-	S
19	S	-	-	-	-	-	-	-
20	9.20	10.80	-	-	-	S	-	S
21	S	10.20R	12.28R	-	S	S	14.12R	-
22	9.80R	10.20	-	S	C	S	S	14.28R
23	10.00	11.50R	-	-	-	S	S	14.38R
24	9.91	11.00	-	-	-	S	C	14.40
25	9.00R	-	-	-	S	S	-	-
26	9.92	S	C	-	S	S	-	-
27	C	S	-	12.00	S	-	-	-
28	S	-	-	-	-	S	-	-
MEDIAN	9.84	10.96	12.40	13.20	12.70	13.05	12.24	13.05
S.D. MED	.59	.85	1.10	1.15	.82	.55	1.40	1.34
L. QUART	9.05	10.20	12.10	12.20	12.00	11.94	11.89	11.80
U. QUART	9.91	11.50	13.10	13.40	13.40	13.55	14.06	14.30
RANGE	.86	1.10	1.60	1.20	1.40	2.02	2.17	2.50
BLANK	0	0	0	0	0	0	0	0
ES	0	.09	.08	.11	.20	.26	.31	.27
SPRD F	0	0	0	0	0	0	0	0

CHARACTERISTIC. FOF2

IONOSPHERIC DATA
VERT. INCIDENCE
F.L.B., 1967

SITE. CHIENGHAI
LOCAL STANDARD TIME

DAY /hr	1645	1705	1805	1905	2005	2105	2205	2305
1	11.92	12.00R	12.20R	11.92R	11.92R	F	F	F
2	11.90	11.44	11.42	11.76R	11.76R	F	F	F
3	12.10R	12.40R	12.12R	11.44	11.44	10.84	10.84	11.10R
4	12.96R	12.60R	11.92R	13.20R	13.20R	F	F	12.30
5	13.10	12.60R	12.90R	14.00R	14.00R	F	F	11.10
6	14.05	12.20	14.24	13.32	13.32	11.76R	11.76R	
7	-	S	C	C	C	C	C	C
8	10.00	S	C	S	S	C	C	C
9	C	S	C	S	S	C	C	C
10	S	S	C	S	S	C	C	C
11	S	S	C	S	S	C	C	C
12	S	S	C	S	S	C	C	C
13	S	S	C	S	S	C	C	C
14	S	S	C	S	S	C	C	C
15	S	S	C	S	S	C	C	C
16	S	S	C	S	S	C	C	C
17	S	S	C	S	S	C	C	C
18	S	S	C	S	S	C	C	C
19	S	S	C	S	S	C	C	C
20	S	S	C	S	S	C	C	C
21	S	S	C	S	S	C	C	C
22	13.00R	S	C	S	S	C	C	C
23	13.55	S	C	S	S	C	C	C
24	C	S	C	S	S	C	C	C
25	S	S	C	S	S	C	C	C
26	S	S	C	S	S	C	C	C
27	S	S	C	S	S	C	C	C
28	S	S	C	S	S	C	C	C
29	S	S	C	S	S	C	C	C
30	S	S	C	S	S	C	C	C
MEDIAN	12.95	12.20	12.06	12.55	12.55	11.30	11.30	11.10
S.D. MED	1.20	.89	.99	.55	.55	.59	.59	.65
L. QUART	11.91	12.00	11.92	11.76	11.76	11.10	11.10	11.10
U. QUART	13.00	12.40	12.90	13.32	13.32	12.30	12.30	12.30
RANGE	1.97	.40	.95	1.55	1.55	1.20	1.20	1.20
BLANK	0	0	0	0	0	0	0	0
ES	.35	.20	.30	.08	.08	.0	.0	.0
SPRD F	0	0	0	.33	.33	.77	.77	.85

CHARACTERISTIC. H F0F2

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	8:5	9:5	10:5	11:5	12:5	13:5	14:5	15:5
1	C	C	300	305	-	350	-	-
2	-	-	300	-	310	310	334	-
3	-	-	300	300	300	320	320	310
4	N	N	300	300	305	320	320	320
5	-	-	300	305	305	305	320	320
6	C	-	-	-	340	310	320	320
7	C	C	-	-	340	310	320	320
8	S	-	S	C	310	310	320	320
9	S	-	300	300	310	310	320	320
10	S	305	310	300	310	310	320	320
11	S	310	310	300	310	310	320	320
12	S	-	320	300	310	310	320	320
13	S	-	320	300	310	310	320	320
14	S	-	320	300	310	310	320	320
15	S	300	300	300	310	310	320	320
16	S	300	300	300	310	310	320	320
17	S	300	300	300	310	310	320	320
18	S	300	300	300	310	310	320	320
19	S	300	300	300	310	310	320	320
20	S	300	300	300	310	310	320	320
21	S	300	300	300	310	310	320	320
22	S	300	300	300	310	310	320	320
23	S	300	300	300	310	310	320	320
24	S	300	300	300	310	310	320	320
25	S	300	300	300	310	310	320	320
26	S	300	300	300	310	310	320	320
27	S	300	300	300	310	310	320	320
28	S	300	300	300	310	310	320	320
MEDIAN	0	300	305	309	310	315	320	324
S.D. MED	0	5.50	12.10	12.52	12.15	16.85	20.54	17.93
U. QUART	0	300	300	300	305	312	317	320
L. QUART	0	307	310	320	320	327	329	328
RANGE	0	7	10	20	5	25	38	16

CHARACTERISTIC. H FOF2

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	-	F	F	F
2	-	-	-	-	-	F	F	F
3	-	-	-	-	-	F	F	F
4	-	-	-	-	-	F	F	F
5	-	-	-	-	-	F	F	F
6	-	-	-	-	-	F	F	F
7	-	-	-	-	-	F	F	F
8	-	-	-	-	-	F	F	F
9	-	-	-	-	-	F	F	F
10	340	S	S	S	S	S	S	S
11	S	S	S	S	S	S	S	S
12	S	S	S	S	S	S	S	S
13	300	S	S	S	S	S	S	S
14	-	S	S	S	S	S	S	S
15	-	S	S	S	S	S	S	S
16	-	S	S	S	S	S	S	S
17	-	S	S	S	S	S	S	S
18	-	S	S	S	S	S	S	S
19	-	S	S	S	S	S	S	S
20	305	S	S	S	S	S	S	S
21	310	S	S	S	S	S	S	S
22	-	S	S	S	S	S	S	S
23	-	S	S	S	S	S	S	S
24	-	S	S	S	S	S	S	S
25	312	S	S	S	S	S	S	S
26	-	S	S	S	S	S	S	S
27	-	S	S	S	S	S	S	S
28	321	S	S	S	S	S	S	S
29	-	S	S	S	S	S	S	S
30	-	S	S	S	S	S	S	S
31	-	S	S	S	S	S	S	S
32	-	S	S	S	S	S	S	S
MEDIAN	310	0	0	0	0	0	0	0
S.D. MED	12.00	0	0	0	0	0	0	0
L. QUART	514	0	0	0	0	0	0	0
U. QUART	320	0	0	0	0	0	0	0
RANGE	16	0	0	0	0	0	0	0

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. CHIENGKAI
LOCAL STANDARD TIME

DAY /HR	5	105	205	305	405	505	605	705
1	F	F	F	F	F	F	F	F
2	F	F	F	F	F	F	F	F
3	F	F	F	F	F	F	F	F
4	F	F	F	F	F	F	F	F
5	F	F	F	F	F	F	F	F
6	F	F	F	F	F	F	F	F
7	F	F	F	F	F	F	F	F
8	F	F	F	F	F	F	F	F
9	F	F	F	F	F	F	F	F
10	F	F	F	F	F	F	F	F
11	F	F	F	F	F	F	F	F
12	F	F	F	F	F	F	F	F
13	F	F	F	F	F	F	F	F
14	F	F	F	F	F	F	F	F
15	F	F	F	F	F	F	F	F
16	F	F	F	F	F	F	F	F
17	F	F	F	F	F	F	F	F
18	F	F	F	F	F	F	F	F
19	F	F	F	F	F	F	F	F
20	F	F	F	F	F	F	F	F
21	F	F	F	F	F	F	F	F
22	F	F	F	F	F	F	F	F
23	F	F	F	F	F	F	F	F
24	F	F	F	F	F	F	F	F
25	F	F	F	F	F	F	F	F
26	F	F	F	F	F	F	F	F
27	F	F	F	F	F	F	F	F
28	F	F	F	F	F	F	F	F

CHARACTERISTIC. FOF1

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. CHIENGAI		LOCAL STANDARD TIME									
LAT /HR	805	905	1005	1105	1205	1305	1405	1505			
1	C	-	5.05	5.00	5.05	5.00	5.00	-			
2	-	C	5.00	-	5.00	5.00	5.06	-			
3	-	5.00	5.00	5.05	5.00	5.00	5.00	-			
4	N	-	5.00	5.00	5.00	5.00	5.00	-			
5	-	5.02	5.02	5.00	5.00	5.00	5.00	5.00			
6	C	-	-	-	5.00	7.00	7.50	7.40			
7	C	-	-	-	5.00	-	-	-			
8	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
9	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
10	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
11	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
12	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
13	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
14	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
15	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
16	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
17	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
18	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
19	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
20	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
21	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
22	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
23	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
24	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
25	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
26	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
27	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
28	S	-	5.00	5.00	5.00	5.00	5.00	5.00			
MEDIAN	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
S.D. MED	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
1 QUART	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
3 QUART	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
MEAN	0	5.00	5.00	5.00	5.00	5.00	5.00	5.00			

CHARACTERISTIC. FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1957

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	1605	1705	1805	1905	2005	2105	2205	2305	
1	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	
6	-	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	
10	-	-	-	-	-	-	-	-	
11	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	
15	-	-	-	-	-	-	-	-	
16	-	-	-	-	-	-	-	-	
17	-	-	-	-	-	-	-	-	
18	-	-	-	-	-	-	-	-	
19	-	-	-	-	-	-	-	-	
20	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	
23	-	-	-	-	-	-	-	-	
24	-	-	-	-	-	-	-	-	
25	-	-	-	-	-	-	-	-	
26	-	-	-	-	-	-	-	-	
27	-	-	-	-	-	-	-	-	
28	-	-	-	-	-	-	-	-	
MEDIAN	
S.O. MED	
L. QUART	
U. QUART	
RANGE	

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. CHENGAI
LOCAL STANDARD TIME

16-00000
16-00000
16-00000
16-00000

CHARACTERISTIC. H FCFY

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	C	C	-	-	220	210	-
2	-	-	-	210	200	200	200	-
3	-	-	-	240	210	200	210	-
4	N	-	-	210	-	210	-	-
5	C	-	-	-	S	-	-	-
6	C	-	-	-	-	-	-	-
7	S	-	-	C	C	-	-	-
8	S	-	-	-	-	-	-	-
9	S	-	-	-	-	-	-	-
10	S	-	-	-	-	-	-	-
11	S	-	-	-	-	-	-	-
12	S	-	-	250	220	210	200	-
13	S	-	-	230	-	-	-	-
14	S	-	-	240	-	-	-	-
15	S	-	-	230	-	210	230	-
16	S	-	-	220	C	-	230	-
17	S	-	-	220	-	-	-	-
18	S	-	-	S	-	-	-	-
19	S	-	-	220	-	-	-	220
20	S	-	240	-	210	220	-	-
21	S	-	-	-	230	-	-	-
22	-	-	-	S	-	-	-	-
23	-	-	240	-	C	-	-	230
24	-	-	225	210	-	-	S	-
25	-	-	224	-	-	-	C	-
26	-	-	C	-	S	-	-	-
27	-	-	-	230	212	222	-	-
28	S	-	-	-	-	-	-	-
MEDIAN	0	0	233	230	212	210	210	234
S.D.MED	0	0	7.55	15.70	9.07	8.97	11.95	8.41
L QUART	0	0	225	210	210	200	200	220
U QUART	0	0	240	240	220	220	230	230
RANGE	0	0	15	50	10	20	50	10

CHARACTERISTIC. H FOFI

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR 1605	1705	1805	1905	2005	2105	2205	2305
1	-	-	-	-	F	F	F
2	-	-	-	-	F	F	F
3	-	-	-	-	F	F	F
4	-	-	-	-	F	F	F
5	-	-	-	-	F	F	F
6	-	-	-	-	F	F	F
7	-	-	-	-	F	F	F
8	-	-	-	-	F	F	F
9	-	-	-	-	F	F	F
10	-	-	-	-	F	F	F
11	-	-	-	-	F	F	F
12	-	-	-	-	F	F	F
13	-	-	-	-	F	F	F
14	-	-	-	-	F	F	F
15	-	-	-	-	F	F	F
16	-	-	-	-	F	F	F
17	-	-	-	-	F	F	F
18	-	-	-	-	F	F	F
19	-	-	-	-	F	F	F
20	-	-	-	-	F	F	F
21	-	-	-	-	F	F	F
22	-	-	-	-	F	F	F
23	-	-	-	-	F	F	F
24	-	-	-	-	F	F	F
25	-	-	-	-	F	F	F
26	-	-	-	-	F	F	F
27	-	-	-	-	F	F	F
28	-	-	-	-	F	F	F
MEDIAN	0	0	0	0	0	0	0
S.D. MED	0	0	0	0	0	0	0
L QUART	0	0	0	0	0	0	0
U QUART	0	0	0	0	0	0	0
RANGE	0	0	0	0	0	0	0

EMERGENCY TOLL FREE
VERTICAL INCIDENCE
YARD CLASSROOM

1967

SITE - CHIENGRAI		LOCAL STANDARD TIME	
DAY	HR	5	0
1	2	F	F
3	4	F	F
5	6	F	F
7	8	F	F
9	10	F	F
11	12	F	F
13	14	F	F
15	16	F	F
17	18	F	F
19	20	F	F
21	22	F	F
23	24	F	F
25	26	F	F
27	28	F	F
29	30	F	F
31	32	F	F
33	34	F	F
35	36	F	F
37	38	F	F
39	40	F	F
41	42	F	F
43	44	F	F
45	46	F	F
47	48	F	F
49	50	F	F
51	52	F	F
53	54	F	F
55	56	F	F
57	58	F	F
59	60	F	F
61	62	F	F
63	64	F	F
65	66	F	F
67	68	F	F
69	70	F	F
71	72	F	F
73	74	F	F
75	76	F	F
77	78	F	F
79	80	F	F
81	82	F	F
83	84	F	F
85	86	F	F
87	88	F	F
89	90	F	F
91	92	F	F
93	94	F	F
95	96	F	F
97	98	F	F
99	100	F	F
101	102	F	F
103	104	F	F
105	106	F	F
107	108	F	F
109	110	F	F
111	112	F	F
113	114	F	F
115	116	F	F
117	118	F	F
119	120	F	F
121	122	F	F
123	124	F	F
125	126	F	F
127	128	F	F
129	130	F	F
131	132	F	F
133	134	F	F
135	136	F	F
137	138	F	F
139	140	F	F
141	142	F	F
143	144	F	F
145	146	F	F
147	148	F	F
149	150	F	F
151	152	F	F
153	154	F	F
155	156	F	F
157	158	F	F
159	160	F	F
161	162	F	F
163	164	F	F
165	166	F	F
167	168	F	F
169	170	F	F
171	172	F	F
173	174	F	F
175	176	F	F
177	178	F	F
179	180	F	F
181	182	F	F
183	184	F	F
185	186	F	F
187	188	F	F
189	190	F	F
191	192	F	F
193	194	F	F
195	196	F	F
197	198	F	F
199	200	F	F
201	202	F	F
203	204	F	F
205	206	F	F
207	208	F	F
209	210	F	F
211	212	F	F
213	214	F	F
215	216	F	F
217	218	F	F
219	220	F	F
221	222	F	F
223	224	F	F
225	226	F	F
227	228	F	F
229	230	F	F
231	232	F	F
233	234	F	F
235	236	F	F
237	238	F	F
239	240	F	F
241	242	F	F
243	244	F	F
245	246	F	F
247	248	F	F
249	250	F	F
251	252	F	F
253	254	F	F
255	256	F	F
257	258	F	F
259	260	F	F
261	262	F	F
263	264	F	F
265	266	F	F
267	268	F	F
269	270	F	F
271	272	F	F
273	274	F	F
275	276	F	F
277	278	F	F
279	280	F	F
281	282	F	F
283	284	F	F
285	286	F	F
287	288	F	F
289	290	F	F
291	292	F	F
293	294	F	F
295	296	F	F
297	298	F	F
299	300	F	F
301	302	F	F
303	304	F	F
305	306	F	F
307	308	F	F
309	310	F	F
311	312	F	F
313	314	F	F
315	316	F	F
317	318	F	F
319	320	F	F
321	322	F	F
323	324	F	F
325	326	F	F
327	328	F	F
329	330	F	F
331	332	F	F
333	334	F	F
335	336	F	F
337	338	F	F
339	340	F	F
341	342	F	F
343	344	F	F
345	346	F	F
347	348	F	F
349	350	F	F
351	352	F	F
353	354	F	F
355	356	F	F
357	358	F	F
359	360	F	F
361	362	F	F
363	364	F	F
365	366	F	F
367	368	F	F
369	370	F	F
371	372	F	F
373	374	F	F
375	376	F	F
377	378	F	F
379	380	F	F
381	382	F	F
383	384	F	F
385	386	F	F
387	388	F	F
389	390	F	F
391	392	F	F
393	394	F	F
395	396	F	F
397	398	F	F
399	400	F	F
401	402	F	F
403	404	F	F
405	406	F	F
407	408	F	F
409	410	F	F
411	412	F	F
413	414	F	F
415	416	F	F
417	418	F	F
419	420	F	F
421	422	F	F
423	424	F	F
425	426	F	F
427	428	F	F
429	430	F	F
431	432	F	F
433	434	F	F
435	436	F	F
437	438	F	F
439	440	F	F
441	442	F	F
443	444	F	F
445	446	F	F
447	448	F	F
449	450	F	F
451	452	F	F
453	454	F	F
455	456	F	F
457	458	F	F
459	460	F	F
461	462	F	F
463	464	F	F
465	466	F	F
467	468	F	F
469	470	F	F
471	472	F	F
473	474	F	F
475	476	F	F
477	478	F	F
479	480	F	F
481	482	F	F
483	484	F	F
485	486	F	F
487	488	F	F
489	490	F	F
491	492	F	F
493	494	F	F
495	496	F	F
497	498	F	F
499	500	F	F
501	502	F	F
503	504	F	F
505	506	F	F
507	508	F	F
509	510	F	F
511	512	F	F
513	514	F	F
515	516	F	F
517	518	F	F
519	520	F	F
521	522	F	F
523	524	F	F
525	526	F	F
527	528	F	F
529	530	F	F
531	532	F	F
533	534	F	F
535	536	F	F
537	538	F	F
539	540	F	F
541	542	F	F
543	544	F	F
545	546	F	F
547	548	F	F
549	550	F	F
551	552	F	F
553	554	F	F
555	556	F	F
557	558	F	F
559	560	F	F
561	562	F	F
563	564	F	F
565	566	F	F
567	568	F	F
569	570	F	F
571	572	F	F
573	574	F	F
575	576	F	F
577	578	F	F
579	580	F	F
581	582	F	F
583	584	F	F
585	586	F	F
587	588	F	F
589	590	F	F
591	592	F	F
593	594	F	F
595	596	F	F
597	598	F	F
599	600	F	F
601	602	F	F
603	604	F	F
605	606	F	F
607	608	F	F
609	610	F	F
611	612	F	F
613	614	F	F
615	616	F	F
617	618	F	F
619	620	F	F
621	622	F	F
623	624	F	F
625	626	F	F
627	628	F	F
629	630	F	F
631	632	F	F
633	634	F	F
635	636	F	F
637	638	F	F
639	640	F	F
641	642	F	F
643	644	F	F
645	646	F	F
647	648	F	F
649	650	F	F
651	652	F	F
653	654	F	F
655	656	F	F
657	658	F	F
659	660	F	F
661	662	F	F
663	664	F	F
665	666	F	F
667	668	F	F
669	670	F	F
671	672	F	F
673	674	F	F
675	676	F	F
677	678	F	F
679	680	F	F
681	682	F	F
683	684	F	F
685	686	F	F
687	688	F	F
689	690	F	F
691	692	F	F
693	694	F	F
695	696	F	F
697	698	F	F
699	700	F	F
701	702	F	F
703	704	F	F
705	706	F	F
707	708	F	F
709	710	F	F
711	712	F	F
713	714	F	F
715	716	F	F
717	718	F	F
719	720	F	F
721	722	F	F
723	724	F	F
725	726	F	F
727	728	F	F
729	730	F	F
731	732	F	F
733	734	F	F
735	736	F	F
737	738	F	F
739	740	F	F
741	742	F	F
743	744	F	F
745	746	F	F
747	748	F	F
749	750	F	F
751	752	F	F
753	754	F	F
755	756	F	F
757	758	F	F
759	760	F	F
761	762	F	F
763	764	F	F
765	766	F	F
767	768	F	F
769	770	F	F
771	772	F	F
773	774	F	F
775	776	F	F
777	778	F	F
779	780	F	F
781	782	F	F
783	784	F	F
785	786	F	F
787	788	F	F
789	790	F	F
791	792	F	F
793	794	F	F
795	796	F	F
797	798	F	F
799	800	F	F
801	802	F	F
803	804	F	F
805	806	F	F
807	808	F	F
809	810	F	F
811	812	F	F
813	814	F	F
815	816	F	F
817	818	F	F
819	820	F	F
821	822	F	F
823	824	F	F
825	826	F	F
827	828	F	F
829	8		

CHARACTERISTIC. F0ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGCHAI
LOCAL STANDARD TIME

DAY /HR	005	095	1005	1105	1205	1305	1405	1505
1	C	7.12L	7.20L	7.45L	8.46L	5.97L	6.50L	5.46L
2	-	C	C	5.50L	7.20L	7.30L	-	-
3	-	-	-	-	-	-	-	-
4	N	-	-	-	6.00L	5.61L	5.05L	-
5	C	7.80L	7.48L	7.45L	7.40L	7.30L	-	6.40L
6	C	C	-	-	S	-	-	6.40L
7	S	-	S	C	C	-	-	C
8	S	-	-	-	-	C	5.95L	-
9	S	-	-	-	-	S	-	-
10	S	-	-	-	-	-	-	S
11	S	-	-	-	-	-	6.05L	5.48L
12	S	-	-	-	-	5.55L	6.48L	7.25L
13	S	-	-	-	5.96L	5.41L	5.95L	7.10L
14	S	-	-	-	-	5.31L	-	S
15	S	-	-	-	C	-	-	-
16	S	C	-	-	-	-	-	5.48L
17	S	C	-	S	-	-	-	S
18	S	-	-	-	-	S	-	-
19	S	-	-	-	-	S	-	-
20	S	-	-	-	-	S	5.40L	-
21	S	-	-	S	-	S	S	-
22	-	-	-	-	C	S	C	-
23	-	-	-	-	-	S	-	-
24	-	-	-	-	S	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	C	S	-	-	-	S	5.10L	-
28	S	-	-	-	-	-	-	-
MEDIAN	0	..	..	7.45	7.20	5.61	5.95	6.40
S.D. MED	0	..	..	1.15	5.96	5.93	5.55	5.80
L. QUANT	0	..	..	5.50	5.98	5.43	5.25	5.46
U. QUANT	0	..	..	7.45	7.93	7.33	6.26	7.25
RANGE	0	..	..	1.95	1.95	1.93	1.01	1.79

CHARACTERISTIC. FOES

IONOSPHERIC DATA
VERTICAL INCIDENCE
FEB., 1967

SITE. CHIENGMAI LOCAL STANDARD TIME							
DAY	HR	1605	1705	1805	1905	2005	2105
1		-	-	-	10.00F	7.70F	F
2		5.10L	7.74L	11.30F	6.00F	-	F
3		-	-	-	-	-	F
4		-	-	-	-	-	F
5		-	-	-	-	-	F
6		4.90L	5.25L	6.30F	-	-	-
7		4.30L	-	-	-	-	-
8		-	-	-	-	-	-
9		-	-	-	-	-	-
10		-	-	-	-	-	-
11		-	-	-	-	-	-
12		-	-	-	-	-	-
13		-	-	-	-	-	-
14		4.65L	-	-	-	-	-
15		8.80L	-	-	-	-	-
16		-	-	-	-	-	-
17		5.60L	7.60L	-	-	-	-
18		4.50L	-	-	-	-	-
19		-	-	-	-	-	-
20		-	-	-	-	-	-
21		-	-	-	-	-	-
22		7.10L	6.60L	5.90F	-	-	-
23		-	-	-	-	-	-
24		-	-	-	-	-	-
25		-	-	-	-	-	-
26		-	-	-	-	-	-
27		-	-	-	-	-	-
28		-	-	-	-	-	-
MEDIAN		5.04	7.10	6.30	..	..	..
S.D. MED		1.55	1.04	2.90	..	..	..
L. QUART		4.77	5.92	5.30	..	..	..
U. QUART		6.35	7.67	11.30	..	..	..
RANGE		1.53	1.75	5.40	..	..	..

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

[illegible]

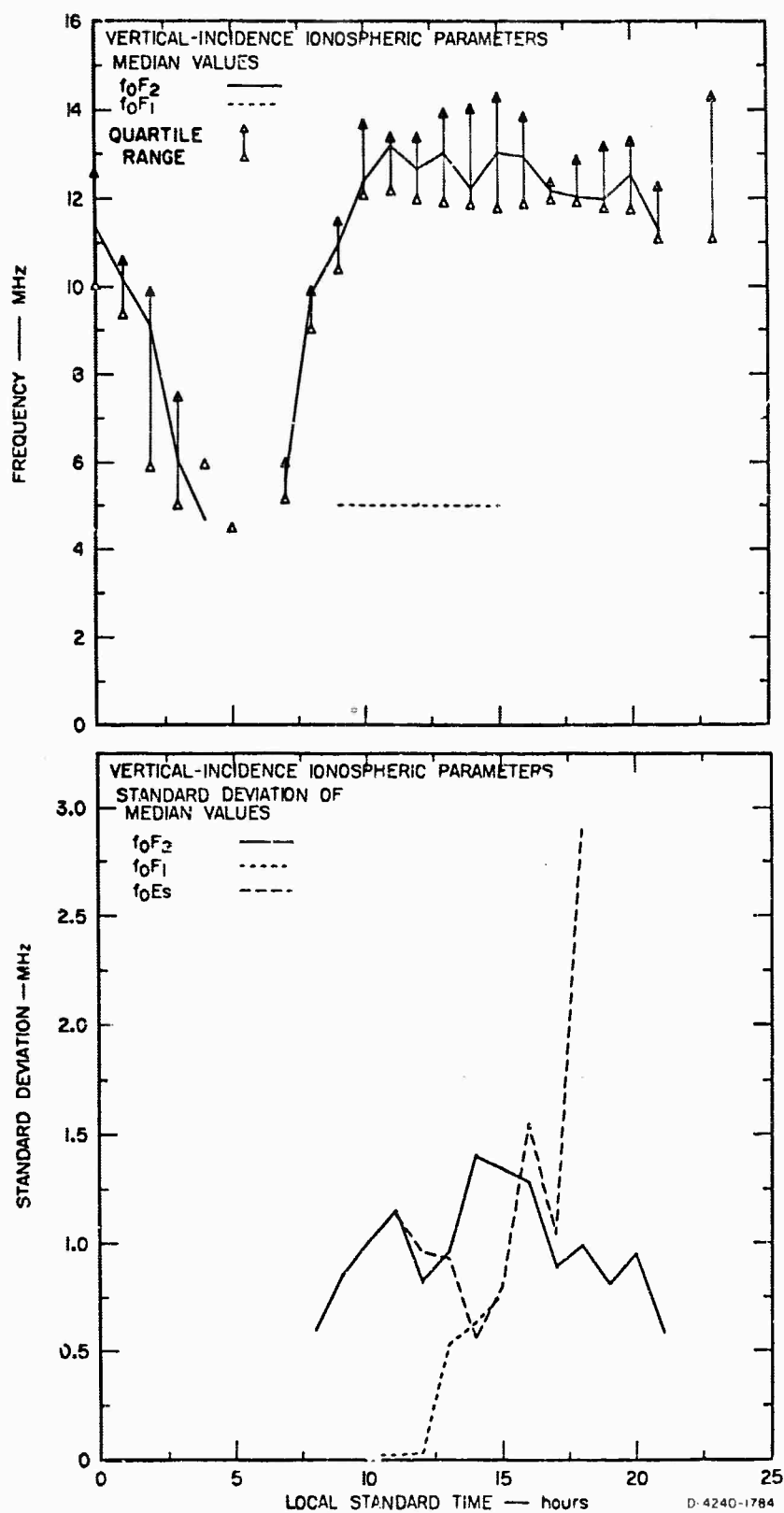
CHARACTERISTIC. H ES

IONOSPHERIC DATA
VERTICAL INCIDENCE

FEB., 1967

SITE. CHIENGMAI
LOCAL STANDARD TIME

DAY /HR	805	905	1005	1105	1205	1305	1405	1505
1	C	105	100	105	103	102	101	-
2	-	C	C	106	102	101	-	102
3	-	-	-	-	-	-	-	-
4	N	N	-	-	105	-	-	-
5	-	-	-	-	-	109	110	-
6	C	103	103	102	100	101	-	103
7	-	C	-	-	S	-	-	105
8	S	-	S	C	C	C	C	C
9	S	-	-	-	-	S	104	-
10	S	-	-	-	-	-	-	S
11	S	-	-	-	-	-	-	105
12	S	-	-	-	-	-	-	101
13	S	-	-	-	-	-	-	101
14	S	-	-	-	-	118	105	-
15	S	-	-	-	105	100	106	-
16	S	-	-	-	C	110	101	S
17	S	C	-	-	-	-	-	-
18	S	C	-	-	-	-	-	109
19	S	-	-	S	-	S	-	S
20	S	-	-	-	-	S	-	S
21	S	-	-	S	-	S	-	-
22	S	-	-	-	S	S	112	-
23	-	-	-	-	C	-	S	-
24	-	-	-	-	-	S	-	-
25	-	-	-	-	-	S	-	-
26	-	-	-	-	-	-	-	-
27	C	S	C	-	S	S	115	-
28	S	-	-	-	-	-	-	-
MEDIAN	0	..	..	105	103	101	105	102
S.D.	0	..	..	1.03	1.99	6.53	5.10	1.89
RED	0	..	..	102	101	103	102	101
L QUART	0	..	..	106	105	100	111	105
U QUART	0	..	..	106	105	100	111	105
RANGE	0	..	..	4	4	8	9	4



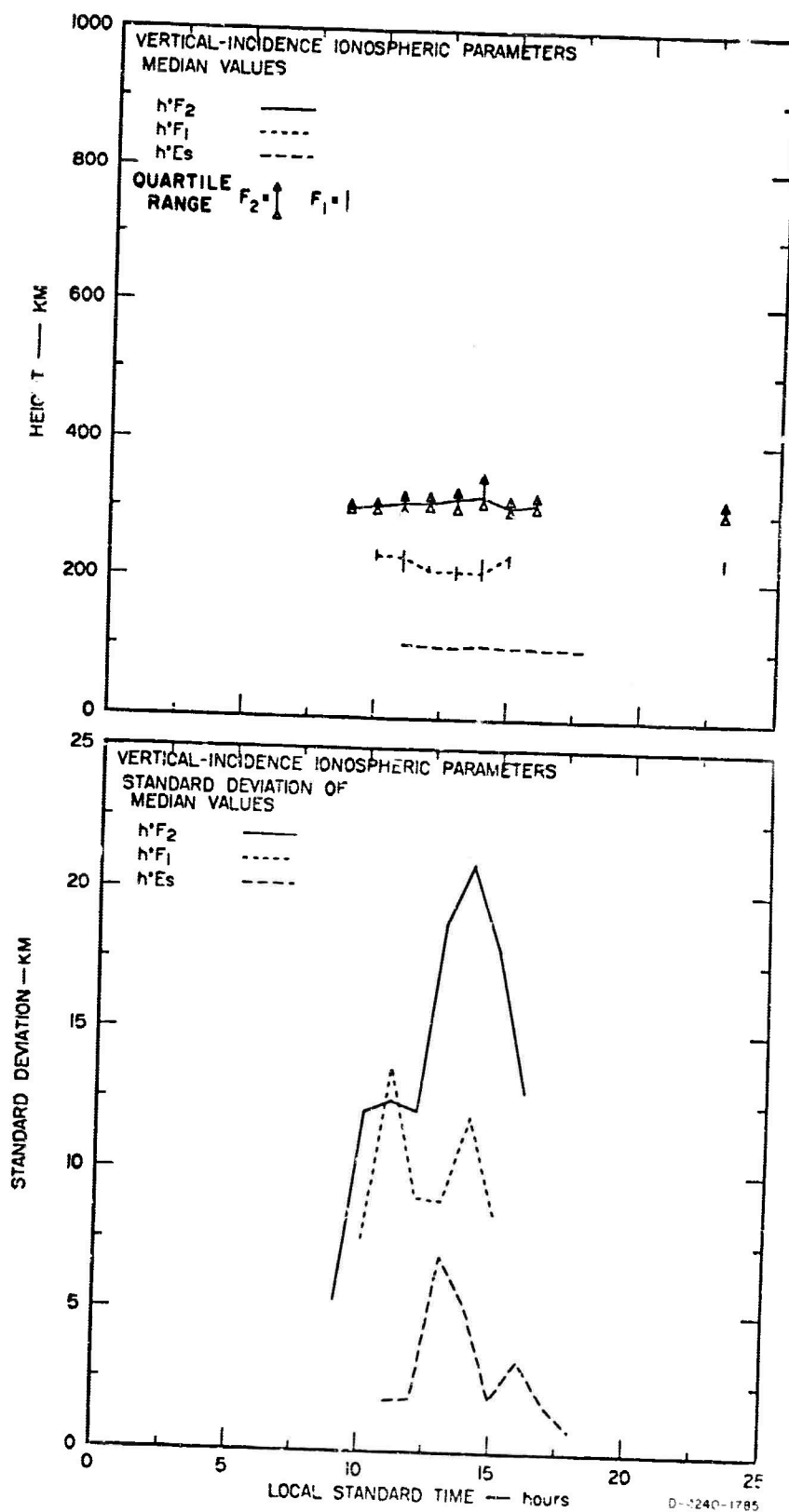


FIG. 60 VIRTUAL HEIGHT SUMMARY, CHIENGMAI, FEBRUARY, 1967

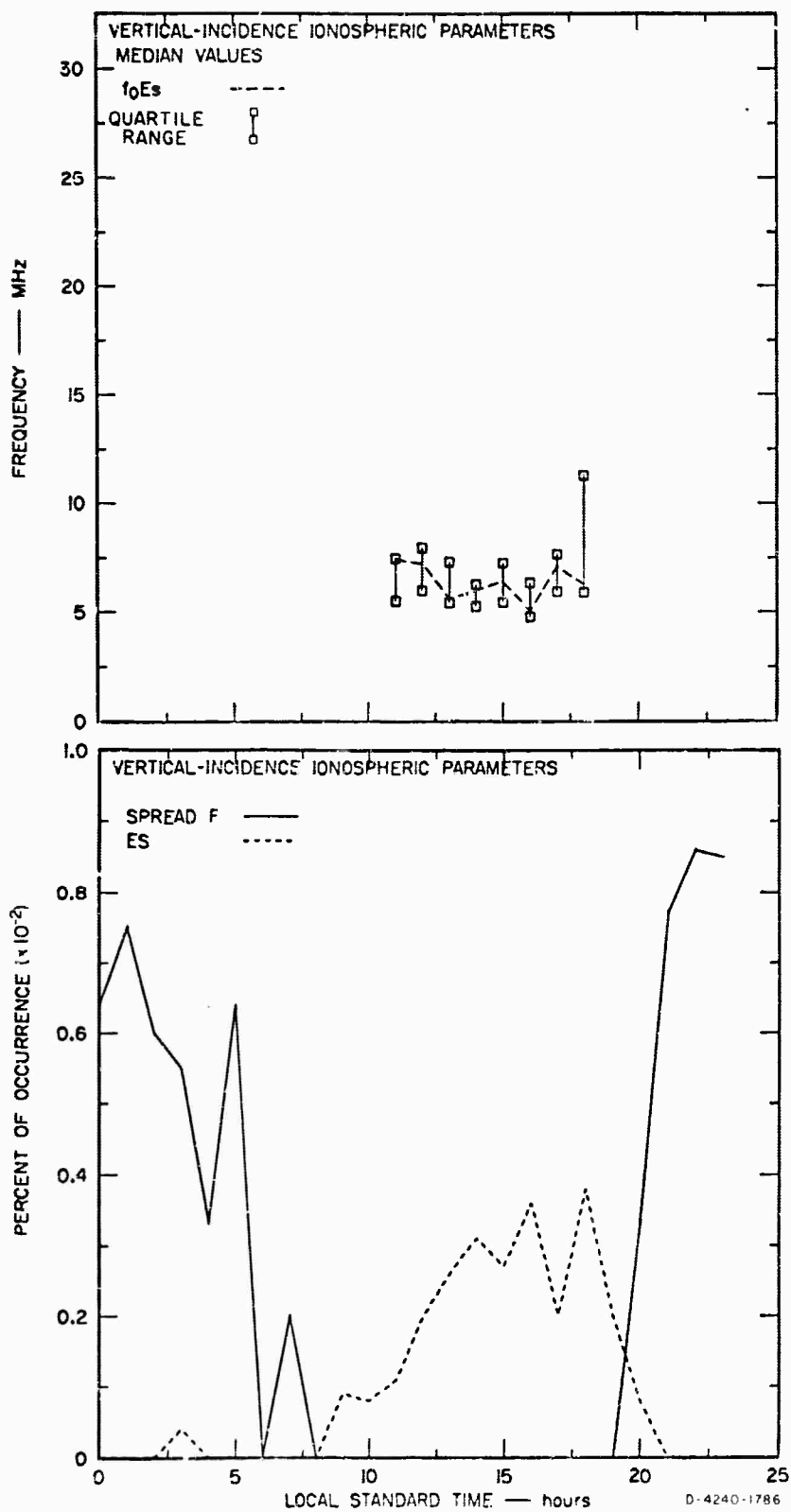


FIG. 61 SPORADIC E AND SPREAD F SUMMARY, CHIENGMAI, FEBRUARY, 1967

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13. ABSTRACT The Granger Model 911 ionospheric sounder systems were operated during 1966 and 1967 at six sites in Thailand ranging between about 7° and 19° North geographic latitude (geomagnetic field dip angles from 5° S to 20° N). This report presents the results from scaling the vertical-incidence ionograms obtained for foF2, h'F2, foF1, h'F1, foEs, h'Es, and percentage of occurrence of Es and spread F. A comparison is made between foF2 values scaled from the Bangkok C-2/3/4 sounder and the Granger sounder for two brief periods-- 6 April through 7 May 1966, and 1 June through 19 June 1967--when both equipments were operated at the same site.			

14 KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Ionosphere Vertical-incidence sounding Granger Model 911 sounder Critical frequency foF2, foF1, foEs Virtual height h'F2, h'F1, h'Es Sporadic E Spread F Thailand Southeast Asia SEACORE						